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Selected Forestry Statistics Canada 1987

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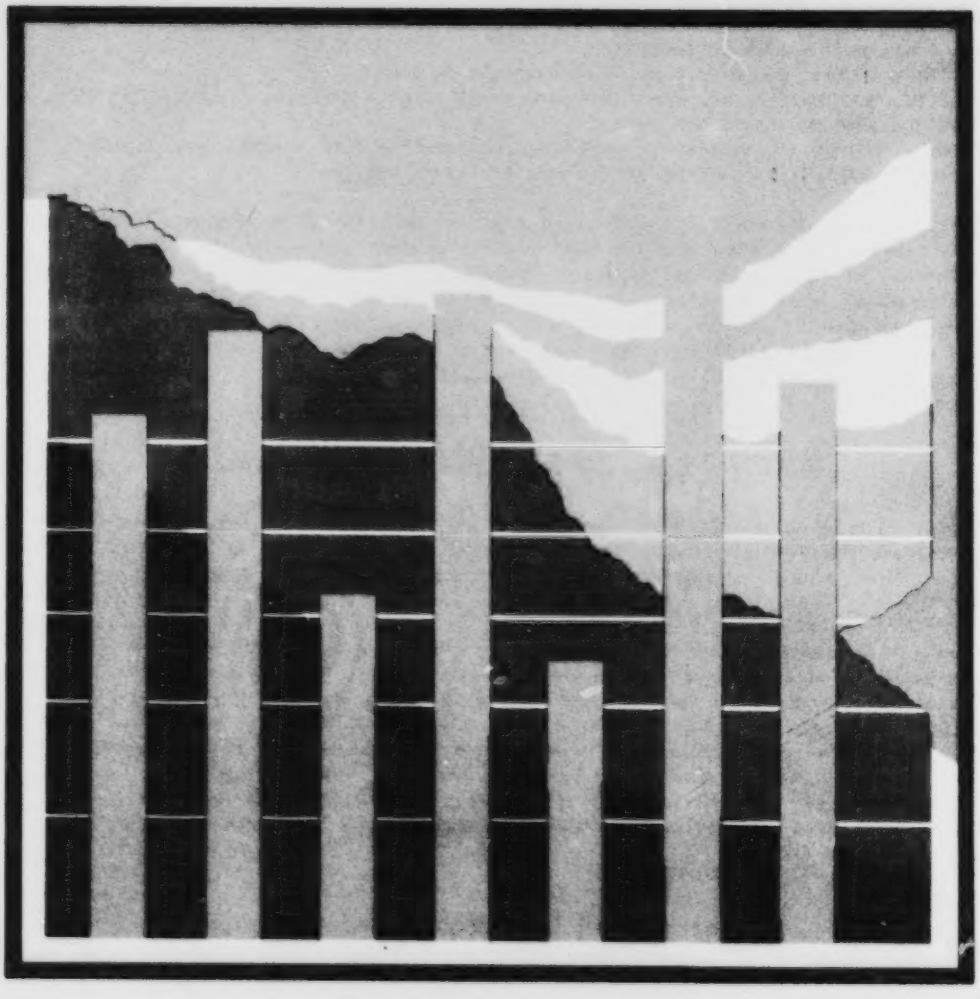
Economics Branch, Canadian Forestry Service Headquarters



FORSTATS

Canada

88-05295/

The Canadian Forestry Service

The Canadian Forestry Service is the main focus for forestry matters in the federal government. It provides national leadership through the development, coordination, and implementation of federal policies and programs to enhance long-term economic, social, and environmental benefits to Canadians from the forest sector.

The service is a decentralized organization with six regional forestry centres, two national research institutes, and seven regional sub-offices located across Canada. Headquarters is located in the national capital region, in Hull, Quebec.

In support of its mandate, the Canadian Forestry Service carries out the following activities:

- Administers forest development agreements negociated with the provinces
- Undertakes and supports research, development, and technology transfer in forest management and utilization
- Compiles, analyzes, and disseminates information about national and international forest resources and related matters
- Monitors disease and insect pests in Canada's forests
- Provides information, analyses, and policy advice on economics, industry, markets, and trade related to the forest sector
- Promotes employment, education, and training opportunities in the forest sector
- Promotes public awareness of all aspects of the forest sector.

The service interacts regularly with provincial and territorial governments, industry, labor, universities, conservationists, and the public through such bodies as the Canadian Council of Forest Ministers, the Forest Sector Advisory Council, the Forestry Research Advisory Council of Canada, the Canadian Forest Inventory Committee, the Canadian Committee on Forest Fire Management, the Canadian Interagency Forest Fire Centre, and regional consultative committees. The service is also active in international forestry agencies such as the International Union of Forest Research Organizations and the Food and Agriculture Organization, as well as in technical and trade missions.

FORSTATS: FORestry STATisticS

The FORSTATS program provides current statistical information on Canada's forest resources, including periodic descriptions and analyses of forest inventory and growth; losses from insects, diseases, and fire; nursery production and silviculture practice; and social and economic conditions.

The following federal government establishments participate in the FORSTATS Program: the Canadian Forestry Service Headquarters in Hull, Quebec; the Pacific Forestry Centre in Victoria, British Columbia; the Northern Forestry Centre in Edmonton, Alberta; the Great Lakes Forestry Centre in Sault Ste. Marie, Ontario; the Laurentian Forestry Centre in Sainte-Foy, Quebec; the Canadian Forestry Service - Maritimes in Fredericton, New Brunswick; the Newfoundland Forestry Centre in St. John's, Newfoundland; the Petawawa National Forestry Institute in Chalk River, Ontario; and the Forest Pest Management Institute in Sault Ste. Marie, Ontario. Provincial forestry agencies, other provincial and federal agencies, and the forest industry cooperate in providing data for the program.

SELECTED FORESTRY STATISTICS
CANADA 1987

ECONOMICS BRANCH
CANADIAN FORESTRY SERVICE
GOVERNMENT OF CANADA

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Cette publication est disponible en français sous le titre Recueil de statistiques forestières canadiennes 1987.

ABSTRACT

"Selected Forestry Statistics, Canada 1987" contains a series of tables on Canadian forest resources and related management activities, commodity production, shipments and trade, principal and employment statistics by industry sector, as well as selling price indexes, financial statistics, and economic indicators. Some transportation, construction, and international data have been added to complete the picture.

Over 115 tables of forest economic data at the national and provincial levels are included in the report. Data have been extracted from approximately 55 different publications. A number of charts have been included to help the reader visualize the information. In addition, the last section of this publication describes the main forestry and economic terms used in the tables. The conversion factors used to convert from imperial to metric measure and the standard symbols used are available on page V. The reader should note that the columns of figures may not always sum exactly due to rounding.

To increase the precision and facilitate the retrieval of time series data, CANSIM (a computerized data bank of Statistics Canada) was used wherever possible. The tables of commodity data were retrieved from computer tapes produced by Statistics Canada's International Trade Division and the world statistics were retrieved from a computer tape produced by the Food and Agriculture Organization of the United Nations.

Only a few tables were added this year. A listing comparing table numbers used in 1987, 1986 and 1985 is available on page VI.

A special effort has been made to compare forestry figures with those for agriculture, fishing, mining, and energy. This exercise has been completed in consultation with specialists from the other departments involved. The methodology used is available on request.

Information given at the beginning of the relevant sections highlights recent changes.

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RÉSUMÉ

Le Recueil de statistiques forestières canadiennes, 1987 porte sur les ressources forestières au Canada et sur les activités connexes d'aménagement, la production et les livraisons de marchandises, le marché des produits, les statistiques principales et les données sur l'emploi par secteur industriel ainsi que sur les indices des prix de vente, les statistiques financières et les indicateurs économiques. Quelques données sur le transport, la construction et la foresterie mondiale complètent ce document.

Plus de 115 tableaux de données forestières et économiques aux niveaux national et provincial sont inclus dans ce recueil. Les données proviennent d'environ 55 publications différentes. Plusieurs figures accompagnent les tableaux afin d'aider le lecteur à visualiser les renseignements. De même, la dernière section de ce recueil décrit brièvement les principaux termes forestiers et économiques utilisés dans les tableaux. Les facteurs nécessaires à la conversion des mesures impériales en mesures métriques et les signes conventionnels employés sont disponibles à la page V. Le lecteur devra remarquer que les totaux peuvent ne pas être exacts, certains chiffres étant arrondis.

Afin d'augmenter la précision des données et en faciliter l'extraction, CANSIM (la banque informatisée de séries chronologiques de Statistique Canada) a été utilisée où cela était possible. Les données sur le marché des produits ont été extraites de bandes magnétiques produites par la Division du commerce international de Statistique Canada, et les données sur la foresterie internationale proviennent d'une bande magnétique produite par l'organisation des Nations Unies pour l'alimentation et l'agriculture.

Seulement quelques tableaux ont été ajoutés cette année. Une liste comparant les numéros de tableaux de 1987 et 1986 à ceux de 1985 est disponible en page VI.

Un effort spécial a été fait afin de comparer les chiffres pour la foresterie à ceux pour l'agriculture, les pêcheries, les mines et l'énergie. Ce travail a été complété en consultation avec les spécialistes des ministères concernés. La méthodologie utilisée est disponible sur demande.

Les renseignements fournis au début des sections soulignent les changements survenus récemment.

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CONVERSION FACTORS

All units of measure in this publication are shown in metric only. The following table shows the factors used in converting from imperial measure to metric.

Description	Imperial (English) measure	Conversion factor (multiply by)	Metric measure
Bolts	cord	2.406 9	m^3
Forest area	acre	0.404 7	ha
Flooring	MBF (thousand board feet)	2.359 74	m^3
Logs	MBF (thousand board feet)	4.53	m^3
Logs, pulpwood	cunits (100 cubic feet)	2.831 68	m^3
Lumber	MBF (thousand board feet)	2.359 74	m^3
Newsprint and paper and paperboard	short ton	0.907 185	t
Newsprint and paper and paperboard	CWT (hundredweights)	0.045 36	t
Particleboard	sq ft 5/8 (square foot 5/8")	0.001 47	m^3
Plywood - softwoods	sq ft 3/8 (square foot 3/8")	0.000 884 9	m^3
- hardwoods	sq ft 1/4 (square foot 1/4")	0.000 589 9	m^3
Pulpwood - peeled	cord	2.690 10	m^3
- unpeeled	cord	2.406 93	m^3
- total	cord	2.406 93	m^3
Railway ties	number	0.038 X 2.359 74	m^3
Roundwood	cubic feet	0.028 316 8	m^3
Shingles and shakes	rfsq (roof squares)	9.290 304	m^2
Veneer - softwoods	sq ft (square foot)	0.000 295	m^3
- hardwoods	sq ft (square foot)	0.000 116	m^3
Wood chips	ton (short tons)	0.907 185	t
Wood pulp	CWTAD (hundredweights air dry)	0.045 36	t

KEY TO SYMBOLS

The standard symbols used by Statistics Canada have been adopted for use in this manual. They are as follows:

...	figures not appropriate or not applicable
..	figures not available
-	nil or zero
--	amount too small to be expressed
p	preliminary figures
r	revised figures
x	confidential to meet secrecy requirements under the Statistics Act
e	estimated
n.e.c.	not elsewhere classified

COMPARISON OF TABLE NUMBERS USED IN 1987, 1986 AND 1985

1987/1986	1985
I-1	I-1
I-2	I-2
I-3	I-3
I-4	I-9
I-5	I-6
I-6	I-7
I-7	I-8
I-8	I-10
I-9	I-11
I-10	-
I-11	-
I-12	I-4, I-5
II-1	II-1
II-2	II-2
II-3	II-11
II-4	-
II-5	-
II-6	II-4
II-7	II-3
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III-1	III-1
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III-6	-
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III-9	III-9
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III-11	III-15
III-12	-
III-13	-
III-14	III-10
III-15	III-11
III-16	III-12
III-17	III-13
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III-20	III-3
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SUMMARY OF SELECTED FORESTRY STATISTICS, CANADA 1987

1. Land area, 1986	**921.5 million ha**				
Inventoried forest land	397.9				
Inventoried productive forest land	243.7				
Agricultural land	67.8				
2. Ownership of inventoried forest land, 1986	**397.9 million ha**				
Provincial Crown	70%				
Federal Crown	24%				
Others	6%				
3. Ownership of inventoried productive forest land, 1986	**243.7 million ha**				
Provincial Crown	80%				
Federal Crown	11%				
Others	9%				
	1979	1980	1981	1982	
4. Silviculture					
Area harvested	871 728	891 435	815 415	776 638	ha
Area of site preparation	184 350	196 565	196 228	219 952	
Area planted	141 730	152 585	174 124	192 278	
Area directly seeded	38 385	65 007	42 593	50 309	
Area stand tending	82 943	120 179	122 993	117 647	
Area of pest control	2 259 611	2 152 167	2 444 922	3 189 045	
	1984	1985	1986	1987	
5. Fire					
No. of fires	9 217	9 357	6 912	11 296	ha
Area burned	635 318	757 260	624 115	579 842	ha
Value lost	$82 573	$ 78 424	..	..	thousand
Fire fighting costs	$85 474	$136 140	..	..	thousand
6. Forest insect and disease conditions, 1977-1981	**107.4 million m^3**				
Average annual mortality volume	60.1				
Growth reduction	22.3				
Wood destruction	25.0				
	1982	1983	1984	1985	
7. Forest management expenditures	..	**$1 247.8**	..	..	**million**
Provincial	820.0	783.9	883.7	1 063.0	
Federal	150.8	183.6	182.3	208.8	
Industry	..	280.3	..	..	
Silviculture	..	$ 335.9	..	..	million
Forest protection	..	241.6	..	..	
Access roads	..	229.6	..	..	
Research	..	77.2	..	..	
Other	..	363.5	..	..	

SUMMARY OF SELECTED FORESTRY STATISTICS, CANADA 1987

8. Federal-provincial agreements, 1986-1987	$194 003 thousand				
Provincial	88 443				
Federal	105 560				
Site preparation and regeneration	101 536				
Other silviculture treatments	46 078				
Forest protection	2 315				
Research and forest extension	26 547				
Other activities	17 528				
	1983	1984	1985		
9. Roundwood production	156.9	167.5	168.7	million m^3	
Atlantic provinces	9%	9%	8%		
Quebec	23%	22%	21%		
Ontario	15%	17%	17%		
Prairie provinces	7%	8%	8%		
British Columbia	46%	44%	46%		
Species mix					
Softwoods	92%	92%	92%		
Hardwoods	8%	8%	8%		
	1984	1985	1986	1987	
10. Lumber production	49.0	53.9	55.1	62.0	million m^3
Atlantic provinces	4%	4%	4%	4%	
Quebec	18%	18%	22%	20%	
Ontario	9%	10%	10%	9%	
Prairie provinces	6%	7%	7%	7%	
British Columbia	63%	61%	57%	60%	
Species mix					
Softwoods	97%	98%	98%	98%	
Hardwoods	3%	2%	2%	2%	
	1984	1985	1986	1987	
11. Wood pulp production	20.5	20.2	21.4	22.8	million t
Atlantic provinces	16%	14%	..	..	
Quebec	32%	30%	30%	32%	
Ontario	21%	21%	21%	19%	
Prairie provinces	5%	5%	..	..	
British Columbia	26%	31%	30%	30%	
	1984	1985	1986	1987	
12. Basic paper and paperboard production	14.4	14.5	15.3	16.1	million t
Quebec	44%	43%	43%	42%	
Ontario	26%	26%	26%	26%	
British Columbia	15%	17%	17%	17%	
All other provinces	15%	14%	14%	15%	

SUMMARY OF SELECTED FORESTRY STATISTICS, CANADA 1987

	1983	1984	1985		
13. Shipments					
Roundwood	98.7	102.4	..	million m^3	
Lumber - total	44.8	46.8	..	million m^3	
- softwoods	44.1	46.1	..	million m^3	
Wood pulp	8.2	8.4	8.8	million t	
Paper and paperboard - total	13.0	14.1	14.3	million t	
- newsprint	8.4	9.0	9.0	million t	

	1983	1984	1985	1986	
14. Exports of forest products	**$ 13 218**	**$ 15 734**	**$ 16 242**	**$ 17 898**	**million**
Lumber - total	3 965	4 257	4 595	4 950	
- softwoods	3 896	4 182	4 523	4 862	
Wood pulp	3 049	3 906	3 405	4 072	
Paper and paperboard - total	5 098	6 201	6 884	7 449	
- newsprint	3 956	4 784	5 412	5 667	
Other forest products	1 106	1 370	1 359	1 427	

	1983	1984	1985	1986	
15. Exports of forest products by region of lading (1983), origin (1984-1986)	**$ 13 218**	**$ 15 734**	**$ 16 227**	**$ 17 898**	**million**
Atlantic provinces	9%	11%	10%	11%	
Quebec	25	25	26	26	
Ontario	21	21	21	20	
Prairie provinces	4	4	4	4	
British Columbia	41	39	39	39	

	1983	1984	1985	1986	
16. Balance of trade, net flow	**$+15 005**	**$+16 924**	**$+15 120**	**$+ 7 843**	**million**
Forest products	+11 620	+13 828	+14 271	+15 579	
Farm products	+ 3 907	+ 3 894	+ 2 476	+ 1 440	
Fish products	+ 1 563	+ 1 108	+ 1 355	+ 1 810	
Metals and minerals	+ 6 302	+ 8 245	+ 7 006	+ 7 583	
Energy	+ 8 226	+10 383	+12 084	+ 7 530	
Chemicals and fertilizers - minerals	+ 1 004	+ 1 163	+ 1 282	+ 1 058	
Chemicals and fertilizers - non minerals	- 1 632	- 1 940	- 1 763	- 1 992	
Textiles	- 1 240	- 1 432	- 1 570	- 1 709	
Machinery	- 2 754	- 3 672	- 4 727	- 5 697	
Transportation and automative products	+ 1 284	+ 2 506	+ 958	+ 813	
Other products	-13 275	-17 159	-15 023	-17 169	

	1982	1983	1984	1985	
17. Employment in forest industries	**255**	**262**	**270**	**268**	**thousand**
Logging	40	46	51	46	
Wood industries	97	102	103	108	
Paper and allied industries	118	114	116	114	

SUMMARY OF SELECTED FORESTRY STATISTICS, CANADA 1987

	1982	1983	1984	1985	
18. Value of shipments of goods	**$ 25 424**	**$ 29 326**	**$ 32 809**	**$ 34 659**	**million**
Logging	3 995	4 909	5 364	5 462	
Wood industries	7 168	9 406	9 973	11 122	
Paper and allied industries	14 261	15 011	17 472	18 075	

	1982	1983	1984	1985	
19. Value added, total activity	**$ 10 234**	**$ 12 085**	**$ 13 734**	**$ 14 399**	**million**
Logging	1 650	2 152	2 191	2 187	
Wood industries	2 708	3 993	4 051	4 688	
Paper and allied industries	5 876	5 940	7 492	7 524	

	1984	1985	1986	
20. Corporate income taxes paid by the forest industries	**$ 242**	**$ 295**	**$ 391**	**million**
Federal income taxes	140	173	216	
Provincial income taxes	102	122	176	

	1985	1986	1987	1988	
21. Capital and repair expenditures	**$ 4 423**	**$ 4 658**	**$ 5 488**	**$ 6 813**	**million**
Logging	529	528	531	598	
Wood industries	724	861	1 116	1 482	
Paper and allied industries	3 170	3 269	3 841	4 733	
All Canadian industries	116 937	125 011	137 622	150 160	

	1984	1985	1986	1987	
22. Forest industries contribution to Canadian gross domestic products	**3.5%**	**3.5%**	**3.5%**	**3.6%**	
Canadian gross domestic product at factor cost (1981 prices)	$337 081	$353 292	$364 522	$378 977	million

	1984	1985	1986	1987
23. Revenue freight loaded on railways (1 000 t)	**240**	**238**	**237**	**249**
Forest products share	14%	15%	15%	15%

	Percent	Rank	Volume/value
24. Canada's share in world forest economy, 1985			
Softwood growing stock	14%	2nd	15 500 million m^3
Industrial softwood roundwood production	15%	3rd	155 102 thousand m^3
Softwood lumber output	15%	3rd	52 519 thousand t
Wood pulp production	15%	2nd	20 479 thousand t
Newsprint production	32%	1st	8 991 thousand t
Value of exports of forest products	22%	1st	11 221 million US $

SECTION I

CANADIAN FOREST RESOURCES AND RELATED MANAGEMENT ACTIVITIES

Forest Biomass Inventory: The federal ENFOR program, in cooperation with the Canadian Forestry Service and provincial forestry agencies, has worked toward the completion of the Forest Biomass Inventory to provide a better knowledge of forest biomass quantities, their form and location across Canada.

Forest Fire: The Forest Fire Statistics are reported by the Canadian forest fire management agencies. Data limitations preclude the direct responsibility of fire effects on forest inventories and commercial timber supplies. In the absence of content-specific volumetric data, broad resolution area-based statistics are relied upon.

Forest Insects and Diseases: The Forest Insect and Disease Survey (FIDS) is a nationally coordinated program of six regional FIDS units and the new FIDS Technology Development Project. Activities are managed by the regional CFS establishments. The program provides perspectives on insects and diseases, as well as acid rain, to forest managers, quarantine agencies, researchers, educators, and the public. In cooperation with those responsible for improving forest inventory and economic data in Canada, the survey is attempting to provide more quantitative and interpretive data on damage and depletion caused by forest pests.

Forest Inventory: Through the Canadian Forest Inventory Committee, the Canadian Forestry Service works in close cooperation with provincial forest agencies, to discuss and make recommendations on forest inventory procedures, and to acquire data for national summaries on topics such as inventory type, ownership, status, productivity, site quality, stocking, disturbance, age, and forest types.

Forest Management Expenditures: The Forest Management Expenditures Survey is a co-operative effort between the Canadian Pulp and Paper Association and the Canadian Forestry Service. It provides information on the level of funding for forest management activity by government and the forest industry in Canada. In this context, forest management includes the whole range of activities from regeneration through to stand improvement, protection, research, and support services, such as forest inventory and nursery infrastructure. Access roads are also included.

Forest Tree Production: The Forest Tree Production Survey deals with the operations of federal, provincial, industrial, and private commercial production centres producing bare-root and containerized forest tree seedlings primarily for reforestation of harvested land. It is prepared with the assistance of representatives of provincial forestry agencies, the forest industry, and private sector growers across Canada.

Silviculture: The practice of silviculture in Canada is a provincial responsibility for the majority of publicly owned forest lands in Canada. The federal role, coordinated by the Canadian Forestry Service, is supportive through silviculture research, technology transfer, and financial assistance for reforestation, stand tending, and pest control programs under specific federal-provincial agreements.

I - 1. AREA CLASSIFICATION BY CLASS AND PROVINCE, 1986

Area class	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon	N.W.T.	Canada
							1 000 000 ha								
A. Forest land															
Inventoried	**22.48[a]**	**0.29**	**4.04**	**6.34**	**33.15**	**82.49**	**46.60**	**25.12**	**23.71**	**37.75**	**86.58**	**60.31**	**27.37**	**61.44**	**397.92**
Productive	11.18	0.28	3.85	6.09	21.40	54.79	38.29	14.92	15.89	25.44	56.25	51.10	7.56	14.32	243.70
Unproductive	11.30	0.02	0.19	0.24	11.75	27.70	8.32	10.20	7.80	11.82	29.82	9.19	19.63	44.35	150.76
Unspecified productivity	-	-	-	-	-	-	-	-	0.02	0.49	0.51	0.02	0.17	2.77	3.47
Not inventoried	**-**	**-**	**-**	**-**	**-**	**11.50**	**34.10**	**9.80**	**-**	**-**	**9.80**	**-**	**-**	**-**	**55.40**
Total	**22.48**	**0.29**	**4.04**	**6.34**	**33.15**	**94.00**	**80.70**	**34.92**	**23.71**	**37.75**	**96.38**	**60.31**	**27.37**	**61.50**	**453.32**
B. Other lands, water and total area															
Nonforest land	**14.69**	**0.28**	**1.24**	**0.87**	**17.08**	**41.68**	**8.42**	**19.92**	**33.36**	**26.69**	**79.37**	**32.66**	**20.53**	**267.86**	**468.22**
Agricultural	0.04	0.27	0.42	0.41	1.14	3.64	5.65	7.74	26.60	20.66	55.00	2.41	-	-	67.83
Other	14.65	0.01	0.82	0.46	15.94	38.04	2.77	12.18	6.76	6.03	24.97	30.25	20.53	267.86	400.39
Total land	**37.17**	**0.57**	**5.28**	**7.21**	**50.23**	**135.68**	**89.12**	**54.84**	**57.07**	**64.44**	**176.35**	**92.97**	**20.53**	**267.86**	**921.54**
Water	**3.40**	**-**	**0.27**	**0.14**	**3.81**	**18.39**	**17.74**	**10.16**	**8.16**	**1.68**	**20.00**	**1.81**	**0.45**	**13.33**	**75.52**
Total area	**40.57**	**0.57**	**5.55**	**7.34**	**54.03**	**154.07**	**106.86**	**65.00**	**65.23**	**66.12**	**196.35**	**94.78**	**48.35**	**342.63**	**997.06**
C. Biomass on nonreserved forest land (1 000 000 t)															
Productive	347	29	315	532	1 223	3 660	3 086	747	638	1 916	3 301	8 798	189	442	20 700
Unproductive	424	1	10	10	445	621	1 123	364	432	230	1 026	708	11	672	4 606
Total	**770**	**30**	**325**	**542**	**1 667**	**4 281**	**4 209**	**1 111**	**1 070**	**2 146**	**4 327**	**9 506**	**199**	**1 114**	**25 306**

[a] 1 hectare = 10 000 m^2 and 1 km^2 = 100 hectares.

Source: Canada's Forest Inventory 1986, Inventory of Forest Biomass in Canada 1985, Canadian Forestry Service. Census of Agriculture 1986, Statistics Canada.

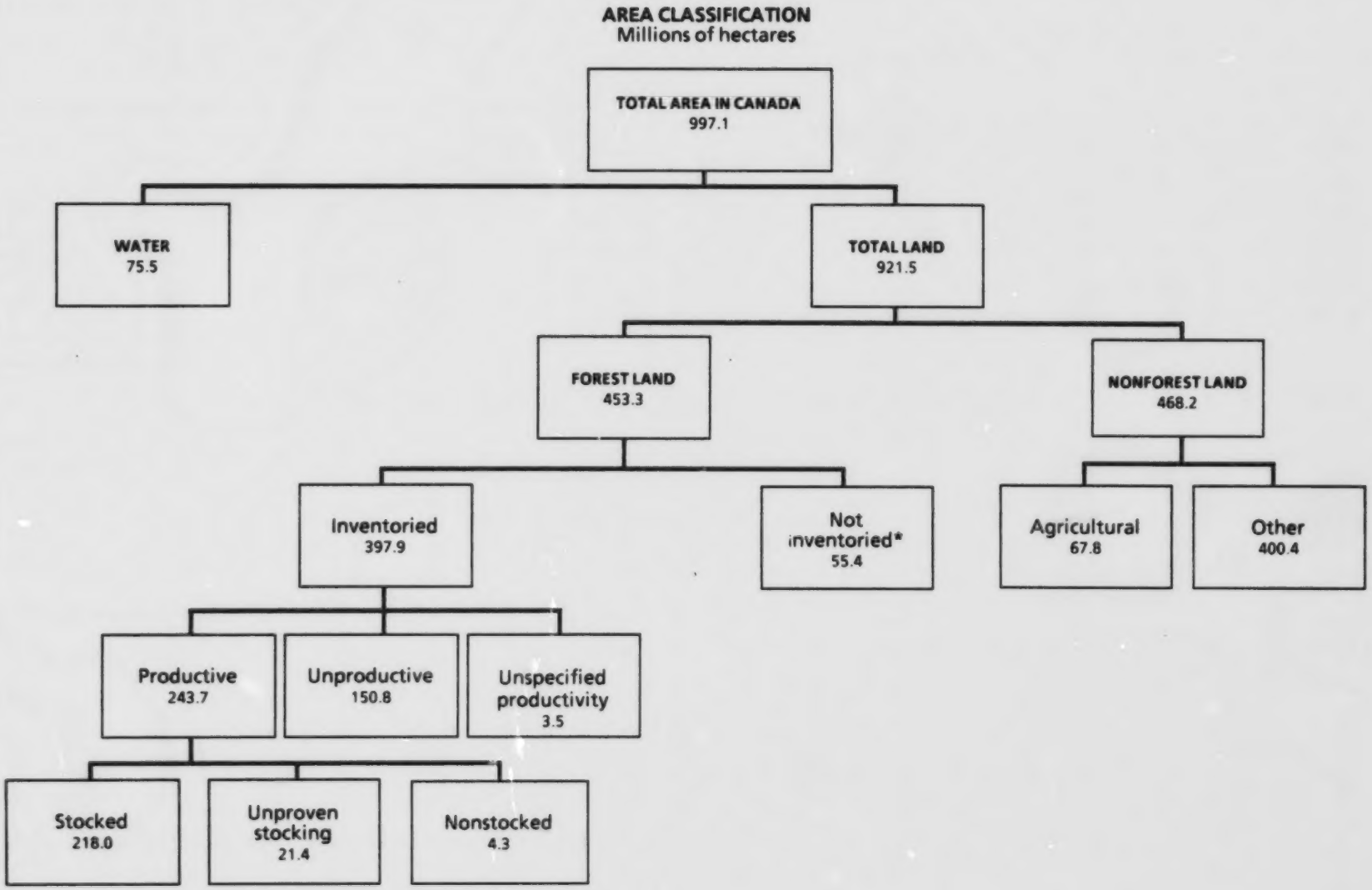

Figure 1. Area classification in Canada, 1986.

Source: Canada's Forest Inventory 1986. Canadian Forestry Service and estimates (*).

1 - 2. INVENTORIED FOREST LAND BY OWNERSHIP, CLASS, AND PROVINCE, 1986

Area class	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Y.T.	N.W.T.	Canada
							1 000 000 ha								
A. Inventoried, stocked, productive, nonreserved forest land															
Federal	--	--	0.02	0.11	0.13	0.08	0.24	0.09	0.13	0.03	0.25	0.24	5.30	13.72	19.97
Provincial	7.26	0.02	0.81	2.80	10.90	43.61	27.76	11.47	12.79	18.11	42.38	43.06	-	-	167.72
Industrial	0.32	-	0.79	0.52	1.62	0.40	0.64	-	-	-	-	-	-	-	2.66
Non-industrial	0.05	0.23	1.63	0.89	2.80	3.20	4.05	0.97	0.20	-	1.17	1.72	-	-	12.94
Municipal	-	-	-	-	-	-	-	0.09	-	0.01	0.10	-	-	-	0.10
Unspecified private	--	-	-	1.36	1.36	2.28	-	-	0.19	0.93	1.12	0.02	-	-	4.78
Total	**7.63**	**0.25**	**3.25**	**5.68**	**16.81**	**49.57**	**32.69**	**12.62**	**13.32**	**19.08**	**45.02**	**45.05**	**5.30**	**13.72**	**208.15**
B. Inventoried productive forest land															
Federal	0.06	--	0.11	0.15	0.33	0.22	0.25	0.34	0.46	1.75	2.55	0.47	7.56	14.32	25.71
Provincial	10.71	0.02	1.02	2.96	14.71	47.97	32.34	13.49	15.03	22.66	51.18	48.65	-	-	194.85
Industrial	0.35	-	0.84	0.57	1.76	0.42	0.79	-	-	-	-	-	-	-	2.97
Non-industrial	0.05	0.26	1.87	0.97	3.15	3.64	4.87	0.99	0.20	-	1.19	1.96	-	-	14.80
Municipal	-	-	-	-	-	-	-	0.10	-	0.01	0.11	-	-	-	0.11
Unspecified private	--	-	-	1.44	1.45	2.55	-	-	0.19	0.93	1.12	0.02	-	-	5.14
Unclassified	--	-	-	-	--	-	0.05	-	-	0.09	0.09	-	-	-	0.14
Total	**11.18**	**0.28**	**3.85**	**6.09**	**21.39**	**54.79**	**38.29**	**14.92**	**15.89**	**25.44**	**56.25**	**51.10**	**7.56**	**14.32**	**243.70**
C. Inventoried forest land															
Federal	0.10	--	0.11	0.16	0.37	0.23	0.32	0.39	0.50	3.53	4.42	0.57	27.37	61.44	94.72
Provincial	21.79	0.02	1.09	3.09	25.99	75.33	39.72	23.45	22.78	32.99	79.22	57.70	-	-	277.92
Industrial	0.50	-	0.90	0.59	1.99	0.43	0.89	-	-	-	-	-	-	-	3.31
Non-industrial	0.08	0.27	1.93	1.00	3.29	3.80	5.63	1.17	0.24	-	1.40	2.02	-	-	16.14
Municipal	-	-	-	-	-	-	-	0.12	-	0.01	0.13	-	-	-	0.13
Unspecified private	0.01	-	-	1.50	1.51	2.70	-	-	0.19	1.12	1.30	0.02	-	-	5.53
Unclassified	--	-	-	-	--	-	0.05	-	-	0.10	0.10	-	-	-	0.15
Total	**22.48**	**0.30**	**4.04**	**6.34**	**33.15**	**82.49**	**46.60**	**25.12**	**23.71**	**37.75**	**86.57**	**60.31**	**27.37**	**61.44**	**397.92**

Note: The federal lands productive forest areas are divided as follow (in hectares):

	Provinces	Yukon/N.W.T.	Total
Indian lands	1 332 400	2 000	1 334 400
Defence lands	162 400	-	162 400
National parks	3 851 400	1 109 300	4 960 700
Other	94 400	20 771 700	20 866 100
Total	**5 440 600**	**21 883 000**	**27 323 600**

Source: Canada's Forest Inventory 1986 and Forest Harvest on Federal Lands 1982-1987 (preliminary data). Canadian Forestry Service.

1 - 3. GROSS MERCHANTABLE WOOD ON INVENTORIED, STOCKED, PRODUCTIVE, NONRESERVED FOREST LAND BY PROVINCE, 1986

Area class	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Y.T.	N.W.T.	Canada
A. Maturity class (1 000 000 ha)															
Regeneration	-	-	0.09	0.16	0.26	5.10	1.18	1.21	1.07	0.30	2.58	1.69	0.01	0.72	11.52
Immature	0.61	-	2.15	2.66	5.42	9.20	12.33	8.96	5.37	8.93	23.26	15.00	3.96	8.59	77.76
Mature	1.15	-	0.77	2.67	4.59	22.67	11.56	2.17	1.36	6.98	10.51	28.28	1.33	4.39	83.33
Overmature	0.99	-	0.02	0.19	1.19	-	7.61	0.29	1.08	2.88	4.25	0.08	-	0.02	13.14
Uneven-aged	-	-	0.21	0.01	0.22	0.15	0.01	-	-	-	-	-	-	-	0.37
Unclassified	4.89	0.25	-	-	5.14	12.45	0.01	-	4.44	-	4.44	-	-	-	22.04
Total	**7.63**	**0.25**	**3.25**	**5.68**	**16.81**	**49.57**	**32.69**	**12.62**	**13.32**	**19.08**	**45.02**	**45.05**	**5.30**	**13.72**	**208.15**
B. Maturity class (1 000 000 m^3)															
Regeneration	-	-	1	-	1	119	1	-	9	1	10	9	-	-	140
Immature	-	-	147	210	357	734	930	390	443	716	1 549	1 604	308	144	5 625
Mature	123	-	79	344	546	2 167	1 465	246	165	1 330	1 742	7 226	172	301	13 619
Overmature	122	-	3	17	142	-	1 132	43	163	608	814	28	-	1	2 117
Uneven-aged	-	-	15	1	15	18	1	-	-	-	-	-	-	-	34
Unclassified	280	26	-	-	306	1 187	-	-	125	--	125	-	--	-	1 618
Total	**525**	**26**	**244**	**571**	**1 366**	**4 225**	**3 529**	**680**	**905**	**2 656**	**4 240**	**8 867**	**480**	**446**	**23 154**
C. Species group (1 000 000 m^3)															
Softwoods	**487**	**16**	**150**	**362**	**1 015**	**3 020**	**2 205**	**444**	**536**	**1 684**	**2 664**	**8 180**	**436**	**315**	**17 834**
Spruce	107	10	85	168	370	1 774	1 335	264	205	920	1 389	1 958	320	-	7 146
Pine	--	--	12	23	36	246	578	158	130	695	984	2 162	82	-	4 087
Fir	117	5	43	120	285	884	188	10	13	47	70	1 400	-	-	2 827
Hemlock	-	--	8	7	15	28	17	-	-	-	-	1 217	-	-	1 278
Cedar and other conifers	-	1	--	39	40	85	72	1	-	-	1	688	-	-	885
Douglas-fir	-	-	-	-	-	-	-	-	-	2	2	694	-	-	696
Larch	3	1	2	4	10	4	15	10	4	3	17	60	-	-	105
Unspecified conifers	260	-	-	-	260	-	-	-	184	16	200	-	34	315	808
Hardwoods	**38**	**10**	**94**	**209**	**351**	**1 204**	**1 325**	**236**	**370**	**972**	**1 578**	**688**	**44**	**131**	**5 320**
Aspen/poplar	3	2	7	42	53	295	685	201	289	822	1 311	599	36	-	2 979
Birch	26	2	23	57	108	529	361	20	22	33	75	50	3	-	1 126
Maple	--	5	54	87	147	297	200	-	1	-	1	7	-	-	652
Unspecified	10	1	10	24	44	84	79	15	58	117	191	32	6	131	566
Total	**525**	**26**	**244**	**571**	**1 366**	**4 225**	**3 529**	**680**	**905**	**2 656**	**4 241**	**8 867**	**480**	**446**	**23 154**

Source: Canada's Forest Inventory 1986. Canadian Forestry Service.

1 - 4. STATISTICS ON PLANTING STOCK FOR REFORESTATION PURPOSES BY SOURCE AND PROVINCE, 1984-1986

Province or territory	Number of production centers		Area available for production[a]	Seedling production			Targeted seedling production by source 1986 (%)			
	1984	1985		Trees shipped 1984	Planned production 1985	Planned production 1986	Federal	Provincial	Industry	Private
				---------- 000 ----------						
A. Containerized seedling production										
Nfld.	3	3	3 204	2 439	3 165	3 165	-	100.0	-	-
P.E.I.	1	1	3 717	1 214	1 675	2 000	-	100.0	-	-
N.S.	8	8	27 407	12 073	23 900	29 754	-	64.4	19.1	16.5
N.B.	9	10	53 316	39 802	54 391	54 411	-	61.2	38.3	0.5
Que.	15	8	126 870	21 500	35 000	99 000	-	50.5	-	49.5
Ont.	32	36	77 979	81 458	78 731	88 986	-	9.1	-	90.9
Man.	2	2	6 582	3 722	7 688	10 360	-	100.0	-	-
Sask.	-	1	1 134	-	765	1 530	-	100.0	-	-
Alta.	5	5	27 115	15 139	23 740	23 750	-	75.8	12.6	11.6
B.C.	26	37	240 395	74 702	155 338	241 598	-	46.6	7.6	45.8
Total	**101**	**111**	**567 719**	**252 049**	**384 393**	**554 554**	**-**	**46.6**	**8.6**	**44.8**
B. Bare-root seedling production										
Nfld.	1	1	40	3 242	7 000	9 000	-	100.0	-	-
P.E.I.	1	1	20	315	390	400	-	100.0	-	-
N.S.	2	2	99	4 600	4 400	6 500	-	100.0	-	-
N.B.	2	2	126	14 300	13 000	13 000	-	26.9	73.1	-
Que.	8	8	387	47 400	66 500	61 000	-	86.9	-	13.1
Ont.	11	11	761	59 938	71 151	68 875	-	98.3	1.7	-
Man.	1	1	38	2 700	4 500	4 500	-	100.0	-	-
Sask.	4	4	151	10 647	11 365	18 159	-	100.0	-	-
Alta.	2	2	100	9 600	14 200	12 300	-	97.6	-	2.4
B.C.	11	10	853	53 329	53 696	51 450	-	80.1	9.7	10.2
Total	**43**	**42**	**2 575**	**206 071**	**246 202**	**245 184**	**-**	**88.1**	**6.4**	**5.5**

[a]Containerized seedling: square metres; bare-root seedling: hectares.

Source: Smyth, J.H.; Brownwright, A.J. Forest Tree Production Centres in Canada - 1984. Canadian Forestry Service.

I - 5. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982

Activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
A. Area harvested												
Clear-cut (ha)[a]	1975	15 700	1 600	27 260	94 400	104 609	140 896	15 700	13 814	20 256	133 277	568 330[b]
	1976	14 700	1 600	26 285	92 800	140 106	114 171	17 000	9 727	19 060	147 897	583 846[b]
	1977	14 300	1 600	28 335	86 500	159 045	121 930	18 000	14 231	21 450	140 169	606 498[b]
	1978	17 600	1 600	32 120	89 200	185 908	141 381	20 000	14 909	22 103	168 820	694 633[b]
	1979	17 700	1 780	33 703	100 000	208 498	160 147	24 600	20 396	24 689	157 395	724 937[b]
	1980	15 175	2 500	35 000	85 900	199 920	217 157	24 600	20 746	23 042	156 786	781 626[b]
	1981	13 454	2 700	35 000	65 500	204 000	202 786	18 900	19 690	20 517	125 148	708 643[b]
	1982	8 000	2 700	35 000	72 445	159 120	200 337	20 400	19 700	27 029	134 430	679 631[b]
Total harvesting (ha)[a]	1975	15 700e	1 600	27 260	94 400e	135 094	196 760	15 700e	13 814	20 256	156 976	678 886[b]
	1976	14 700e	1 600	26 285	92 800e	181 737	156 721	17 000e	9 727	19 060	175 952	696 538[b]
	1977	14 300e	1 600	28 335	86 500e	193 295	187 993	18 000e	14 231	21 450	166 081	733 220[b]
	1978	17 600e	1 600	32 120	89 200e	226 127	194 998	20 000e	14 909	22 103	196 533	816 818[b]
	1979	17 700e	1 780	33 703	100 000e	241 826	218 578	24 600	20 396	24 689	187 547	871 728[b]
	1980	15 175	2 500e	36 439	85 900e	245 000	242 679	24 600	20 746	29 762[c]	187 834	891 435
	1981	13 454	2 700e	36 429	65 500e	250 000	227 603	18 900	19 690	32 302	147 889	815 415
	1982	8 000	2 700e	35 710	72 445e	195 000	222 921	20 400	19 700e	37 120	162 172	776 638
B. Area of site preparation												
Prescribed burning (ha)	1975	-	-	-	300	-	-	-	-	-	60 615	60 915
	1976	-	-	-	500	-	-	-	-	-	61 759	62 259
	1977	-	-	-	400	-	2 949	-	-	-	29 942	33 291
	1978	-	-	-	1 000	-	4 247	-	-	-	33 460	38 707
	1979	-	-	-	1 500	-	4 163	-	-	-	47 468	53 131
	1980	15	-	-	656	-	2 362	-	-	217	26 896	30 246
	1981	76	-	129	2 284	-	2 409	-	-	-	18 372	23 270
	1982	8	70	65	1 952	-	5 277	-	-	-	29 993	37 365
Scarification (ha)	1975	-	-	595	9 800	3 008	45 231	3 965	1 322	15 822	13 194	92 937
	1976	-	48	634	10 500	2 570	39 157	4 038	2 820	14 944	15 490	90 201
	1977	28	-	850	13 500	7 555	42 357	4 080	1 883	18 905	18 227	107 385
	1978	320	16	2 608	15 000	8 478	40 307	4 342	4 530	18 635	17 948	112 184
	1979	1 508	566	2 255	16 802	14 217	45 736	3 823	5 501	14 536	19 827	124 771
	1980	235	566	1 952	16 591	6 993	50 624	3 836	7 056	15 587	20 529	123 969
	1981	1 097	280	1 879	20 374	6 904	51 683	4 161	7 125	18 721	20 758	132 982
	1982	1 782	412	1 118	12 231	11 792	60 527	3 627	12 966	26 566	18 892	149 913

I - 5. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982 (CONTINUED)

Activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
B. Area of site preparation (continued)												
Other site preparation	1975	-	-	-	-	-	-	-	945	-	-	945
	1976	-	-	-	-	-	-	-	2 897	-	-	2 897
	1977	-	-	-	-	-	2 655	-	2 022	-	-	4 677
	1978	-	-	-	-	1 061	4 152	101	1 804	-	-	7 118
	1979	-	-	-	198	552	3 491	533	1 450	-	-	6 224
	1980	29	-	6 058	7 679	6 910	3 634	219	-	52	17 769	42 350
	1981	144	9	6 837	4 726	9 248	3 065	-	-	184	15 763	39 976
	1982	66	29	6 227	4 418	3 008	5 180	-	-	-	13 746	32 674
Total site preparation (ha)	1975	-	-	595	10 100	3 008	45 231	3 965	2 267	15 822	73 809	154 797
	1976	-	48	634	11 000	2 570	39 157	4 038	5 717	14 944	77 249	155 357
	1977	28	-	850	13 900	7 555	47 961	4 080	3 905	18 905	48 169	145 353
	1978	320	16	2 608	16 000	9 539	48 706	4 443	6 344	18 635	51 408	158 009
	1979	1 508	566	2 255	18 500	14 769	53 390	4 356	6 951	14 536	67 295	184 350
	1980	379	556	8 010	24 926	13 903	56 620	4 055	7 056	15 856	65 194	196 565
	1981	1 317	289	8 845	27 384	16 152	57 157	4 161	7 125	18 905	54 893	196 228
	1982	1 856	511	7 410	18 601	14 800	70 984	3 627	12 966	26 566	62 631	219 952
C. Area planted												
Bare-root area (ha)	1975	-	40	980	5 300	15 905	27 284	573	3 402	1 818	50 440	105 742
	1976	-	40	777	5 450	15 271	24 165	743	3 928	761	44 171	95 306
	1977	-	40	1 359	5 200	16 348	24 101	738	6 063	180	32 012	86 041
	1978	-	54	1 907	8 100	14 026	25 189	917	6 004	110	34 740	91 047
	1979	-	44	888	8 500	14 039	26 693	470	4 943	-	40 534	96 111
	1980	200	176	1 244	8 943	13 828	27 146	567	3 352	526	42 265	98 247
	1981	1 074	25	2 567	7 071	14 733	31 473	3 445	6 000	4 152	31 577	102 117
	1982	-	73	1 312	7 922	15 696	30 278	1 817	5 838	4 999	34 217	102 152
Bare-root seedlings (000)	1975	-	100	2 495	13 096	36 582	45 984	1 335	4 598	2 273	58 257	164 720
	1976	-	100	1 925	13 467	35 124	41 927	2 068	5 378	952	48 334	149 275
	1977	-	100	3 125	12 849	37 601	43 343	1 406	8 191	234	34 317	141 166
	1978	-	135	3 045	20 015	32 259	52 928	1 217	9 841	129	38 122	157 691
	1979	-	110	2 910	21 004	32 289	61 453	1 293	9 195	-	48 040	176 294
	1980	500	381	2 567	19 835	34 573	65 360	1 164	6 200	203	49 737	180 520
	1981	2 243	63	6 915	16 376	35 221	69 448	4 000	11 100	6 084	37 173	188 623
	1982	-	177	3 616	11 250	37 579	63 660	3 772	10 800	6 446	40 261	177 561

I - 5. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982 (CONTINUED)

Activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
C. Area planted (continued)												
Container area (ha)	1975	-	80	445	1 375	-	2 766	543	152	4 198	12 638	**22 197**
	1976	-	80	453	2 600	58	2 005	303	511	4 038	15 990	**26 038**
	1977	-	80	972	4 407	196	2 406	94	168	5 304	23 729	**37 356**
	1978	-	40	1 383	2 600	53	2 360	303	587	7 035	23 529	**37 890**
	1979	184	40	1 788	7 200	23	4 137	100	740	8 264	23 143	**45 619**
	1980	160	247	2 496	13 095	13	4 934	195	757	11 030	21 410	**54 337**
	1981	779	465	2 518	15 050	1 142	6 634	689	865	8 837	35 028	**72 007**
	1982	802	402	2 918	14 536	1 381	7 564	386	432	13 108	48 578	**90 107**
Container seedlings (000)	1975	-	200	1 100	3 398	-	4 791	1 266	153	5 247	14 564	**30 719**
	1976	-	200	1 120	6 425	132	3 589	842	759	5 045	17 498	**35 610**[b]
	1977	-	200	2 401	10 890	450	4 381	180	322	6 633	25 438	**50 895**
	1978	-	100	3 416	6 425	122	5 487	402	1 174	8 218	25 211	**50 555**
	1979	460	100	4 416	17 791	54	7 945	275	1 209	10 329	26 932	**69 511**
	1980	398	588	5 514	30 951	29	10 497	400	1 400	14 184	25 235	**89 196**
	1981	1 625	1 150	6 906	36 061	2 456	13 951	800	1 600	11 730	41 127	**117 406**
	1982	1 803	996	7 541	28 842	2 881	16 465	800	800	17 262	57 442	**134 832**
Total area planted (ha)	1975	-	120	1 425	6 675	15 905e	30 050	1 116	3 554	6 016	63 078e	**127 939**
	1976	-	120	1 230	8 050	15 329e	26 170	1 046	4 439	4 799	60 161e	**121 344**
	1977	-	120	2 331	9 607	16 544e	26 507	832	6 231	5 484	55 741e	**123 397**
	1978	-	94	3 290	10 700	14 079e	27 549	1 220	6 591	7 145	58 269e	**128 937**
	1979	184	84	2 676	15 700	14 062e	30 830	570	5 683	8 264	63 677e	**141 730**
	1980	360	423	3 740	22 038	13 841	32 080	762	4 109	11 556	63 675e	**152 585**
	1981	1 853	490	5 085	22 121	15 875	38 107	4 134	6 865	12 989	66 605e	**174 124**
	1982	802	475	4 230	22 458	17 077	37 842	2 203	6 270	18 107	82 795e	**192 259**
Total seedlings planted (000)	1975	-	300	3 595	16 494	36 582	50 775e	2 601	4 751	7 520	72 821	**195 439**
	1976	-	300	3 045	19 892	35 256	45 516e	2 910	6 137	5 997	65 832	**184 885**
	1977	-	300	5 526	23 739	38 051	47 724e	1 586	8 513	6 867	59 755	**192 061**
	1978	-	235	6 461	26 440	32 381	58 415	1 619	11 015	8 347	63 333	**208 246**
	1979	460	210	7 326	38 795	32 343	69 398	1 568	10 404	10 329	74 972	**245 805**
	1980	898	969	8 081	50 786	34 602	75 857	1 564	7 600	14 387	74 972	**269 716**
	1981	3 868	1 213	13 821	52 437	37 677	83 399	4 800	12 700	17 814	78 300	**306 029**
	1982	1 803	1 173	11 157	40 092	40 460	80 125	4 572	11 600	23 708	97 703	**312 393**

I - 5. SILVICULTURE STATISTICS BY PROVINCE, 1975-1982 (CONCLUDED)

Activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
D. Area directly seeded (ha)												
	1975	-	-	-	125	5 693	23 510	223	-	7 906	-	37 457
	1976	-	-	10	550	1 810	27 039	199	-	6 470	-	36 078
	1977	-	-	1	393	3 373	28 791	61	-	7 668	-	40 287
	1978	-	-	127	-	5 703	23 582	126	-	5 416	-	34 954
	1979	-	-	77	-	6 744	24 251	2 774	-	4 539	-	38 385
	1980	36	-	-	-	9 949	47 294	1 093	-	6 635	-	65 007
	1981	54	-	-	172	9 525	27 869	272	-	4 701	-	42 593
	1982	230	-	55	9	14 506	29 991	118	-	5 400	-	50 309
E. Area of stand tending (ha)												
	1975	251	-	1 334	-	..	33 277	562[d]	-	143[f]	1 841	37 408
	1976	236	-	1 625	-	..	38 324	377[d]	-	906[f]	9 733	51 201
	1977	2 340	-	2 146	1 032	..	52 850	558[d]	-	123[f]	23 435	82 484
	1978	2 327	-	2 504	1 807	..	48 269	624[d]	-	152[f]	26 586	82 269
	1979	2 790	20	3 556	3 436	..	39 228	220[d]	142[e]	272[f]	33 279	82 943
	1980	33	49	7 451	18 924	10 829	51 036	263[d]	367[e]	350[f]	30 877	120 179
	1981	2 615	353	9 264	17 618	12 686	41 444	-	369[e]	967[f]	37 677	122 993
	1982	3 901	1 112	5 923	18 263	6 446	54 506	-	68[e]	1 397[f]	26 031	117 647
F. Area of pest control (ha)												
	1975	-	-	-	2 695 000	2 800 000e	14 167	-	-	-	1 785	5 510 952
	1976	-	-	-	3 881 000	2 900 000e	41 060	-	-	-	2 667	6 824 727
	1977	76 910	-	556	1 682 000	1 400 000e	10 522	-	-	-	2 384	3 172 372
	1978	376 600	-	25 670	1 554 000	1 200 000e	4 085	-	-	-	2 908	3 163 263
	1979	5 870	-	30 752	1 598 000	600 000e	22 702	-	-	-	2 287	2 259 611
	1980	-	-	25 670	1 900 000	188 511	36 422[g]	-	-	-	1 564	2 152 167
	1981	-	-	31 195	1 693 000	705 164	11 733	-	-	-	3 830	2 444 922
	1982	-	-	19 153	1 867 570	1 298 495	3 827	-	-	-	-	3 189 045

[a]Crown land only.
[b]Canada totals include Yukon and Northwest Territories.
[c]In 1980-81, 1981-82 and 1982-83, 6 720, 11 785, 10 091 hectares were cleared of aspen under a special stand conversion program and were not harvested in the commercial sense.
[d]Thinning only.
[e]Mostly manual weeding.
[f]Mostly thinning.
[g]Includes herbicides and pesticides.

Source: Kuhnke, D.H. and Brace, L.G. Silviculture statistics for Canada, 1975-76 to 1982-83, Canadian Forestry Service.

Figure 2. Harvesting compared to planting and direct seeding in Canada, 1975-1982.

Source: Silviculture statistics for Canada 1975-76 to 1982-83, Canadian Forestry Service.

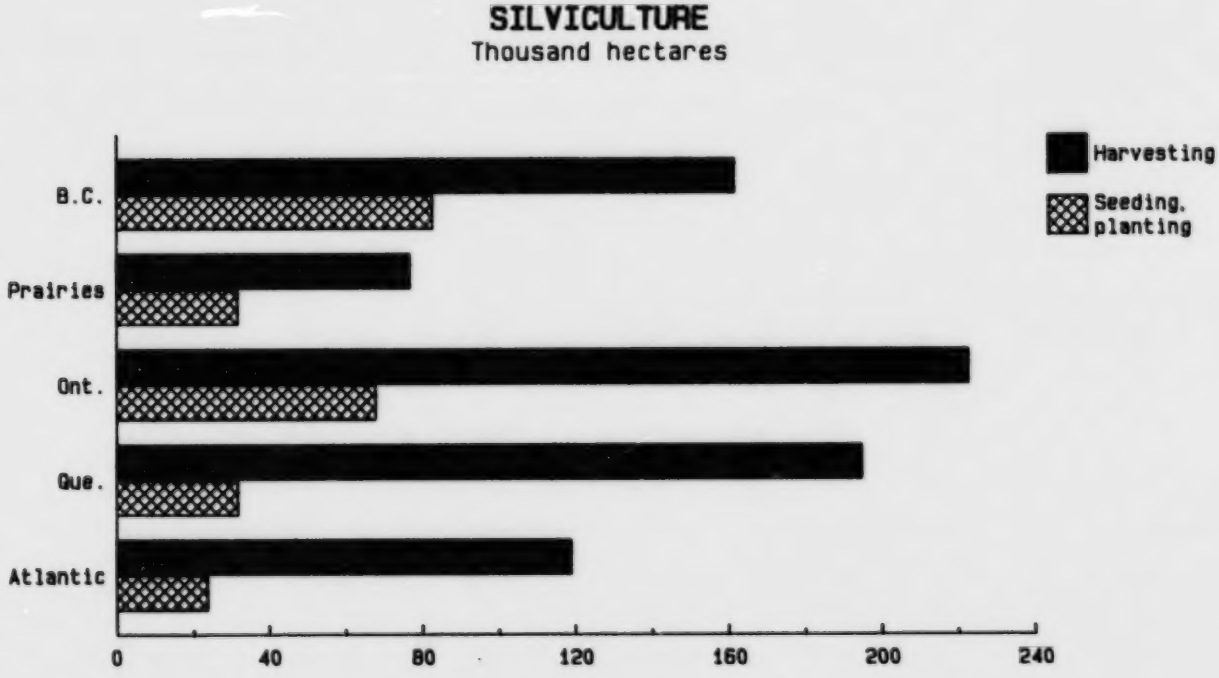

Figure 3. Harvesting compared to artificial regeneration by region, 1982.

Source: Silviculture statistics for Canada 1975-76 to 1982-83, Canadian Forestry Service.

I - 6. FOREST FIRE STATISTICS BY PROVINCE, 1980-1987

Province or territory	No. of fires[a]	Area burned (ha)	Value lost[b]	Fire control expenditure	
				Budgeted costs	Fire fighting costs
			----------	$000	----------
Newfoundland					
1980	60	954	120	3 250	420
1981	131	13 087	698	2 400	665
1982	165	4 392	60	3 300	130
1983	138	16 792	24	3 428	50
1984	101	7 743	..	1 735	592
1985	289	153 115	7 156	1 748	2 247
1986	193	108 831	..	1 801	4 372
1987e	287	17 129	..	1 760	3 060
Prince Edward Island					
1980	16	67	..	..	..
1981	40	146	6	9	13
1982	53	131	10	25	..
1983	55	321	15	24	..
1984	38	202	4	30	34
1985	52	181	5	165	177
1986	95	512	..	..	..
1987e	52	113	..	..	..
Nova Scotia					
1980	439	953	..	1 924	300
1981	449	370	..	1 226	120
1982	491	617	..	585	186
1983	332	449	..	624	159
1984	446	594	..	..	250
1985	583	1 077	..	2 722	304
1986	510	883	..	..	276
1987e	590	560	..	..	..
New Brunswick					
1980	389	2 815	887	339	770
1981	275	389	342	425	263
1982	487	6 537	3 677	486	3 010
1983	456	1 852	2 093	1 072	2 229
1984	395	580	79	1 186	517
1985	851	4 144	1 751	410	1 045
1986	354	39 099	..	500	9 000
1987e	653	1 199	..	..	..
Quebec					
1980	947	31 573	847[c]	19 170	1 869
1981	1 114	2 480	343	20 775	2 369
1982	1 202	7 970	886	19 800	3 249
1983	1 653	238 903	26 430	23 200	11 803
1984	683	3 082	262	22 800	1 100
1985	880	2 697	266	26 087	1 831
1986	851	167 550	..	25 053	5 091
1987e	992	20 936	..	..	..

I - 6. FOREST FIRE STATISTICS BY PROVINCE, 1980-1987 (CONTINUED)

Province or territory	No. of fires[a]	Area burned (ha)	Value lost[b]	Fire control expenditure	
				Budgeted costs	Fire fighting costs
				$000	
Ontario					
1980	1 779	560 325	72 094	20 708	56 183
1981	1 656	179 473	9 171	26 800	2 700
1982	1 396	3 892	117	24 800	16 999
1983	2 244	443 655	15 583	24 500	20 000
1984	1 240	297 564	1 440	26 000	7 500
1985	887	1 007	389	20 900	2 500
1986	1 088	145 561	..	31 000	16 500
1987e	1 923	75 582	..	35 000	23 100
Manitoba					
1980	1 082	514 292	109 431	3 031	7 155
1981	712	396 454	60 789	1 000	7 353
1982	425	15 444	2 225	8 461	2 725
1983	535	99 153	5 773	8 500	8 259
1984	692	130 189	12 940	7 600	7 337
1985	346	11 823	1 437	7 800	1 634
1986	217	10 342	..	8 200	1 234
1987e	523	84 107	..	..	..
Saskatchewan					
1980	743	1 348 792	17 603	790	15 311
1981	965	1 647 971	538 531	780	21 995
1982	596	64 586	..	1 082	8 250
1983	437	52 172	35 583	8 000	7 589
1984	549	13 036	59 239	9 020	14 724
1985	520	110 128	29 350	7 964	9 109
1986	312	6 316	..	11 645	11 645
1987e	980	191 399	..	..	..
Alberta					
1980	1 348	672 460	115 349	7 829	37 341
1981	1 522	1 365 600	186 998	22 198	51 830
1982	1 256	679 683	138 015	32 684	55 912
1983	756	2 818	309	19 075	16 214
1984	1 370	79 966	3 129	19 658	7 804
1985	939	12 920	1 986	27 266	9 234
1986	585	2 692	..	18 017	13 284
1987e	1 238	36 113	..	17 600	25 286
British Columbia					
1980	1 743	65 578	21 526	7 718	18 024
1981	2 737	106 593	12 857	6 995	39 223
1982	2 205	348 693	43 890	6 456	42 258
1983	1 705	67 365	12 309	50 000	24 800
1984	3 063	19 908	4 295	46 000	37 500
1985	3 604	234 647	33 849	45 345	101 479
1986	2 194	16 927	..	..	21 539[d]
1987e	3 477	34 541	..	..	35 836[d]

I - 6. FOREST FIRE STATISTICS BY PROVINCE, 1980-1987 (CONCLUDED)

Province or territory	No. of fires[a]	Area burned (ha)	Value lost[b]	Fire control expenditure	
				Budgeted costs	Fire fighting costs
				$000	
Yukon					
1980	150	130 781	6 914	2 855	2 045
1981	91	35 159	1 726	4 428	3
1982	204	254 891	5 994	3 792	532
1983	198	43 006	1 672	5 746	1 478
1984	168	19 895	967	5 900	1 300
1985	110	15 131	1 211	5 500	676
1986	217	90 568	..	3 300	3 700
1987e	125	88 326	..	5 000	550
Northwest Territories					
1980	345	1 214 396	7 030	3 750	11 800
1981	311	984 932	6 266	3 800	7 582
1982	357	302 150	1 705	4 200	7 283
1983	337	226 841	1 585	9 667	7 700
1984	311	41 074	219	5 495	4 800
1985	150	204 745	1 024	5 600	3 513
1986	206	32 171	..	..	..
1987e	374	29 775	..	..	..
National Parks					
1980	100	279 164	30	--	3 370
1981	142	680 711	..	2 629	1 769
1982	104	8 605	..	1 385	1 031
1983	84	848	..	1 649	300
1984	161	21 486	..	2 240	2 018
1985	146	5 645	..	2 276	2 391
1986	90	2 663	..	..	2 401
1987e	82	62	..	..	..
Total					
1980	**9 147**	**4 822 167**	**351 833**	**71 450**	**154 591**
1981	**10 145**	**5 413 365**	**817 727**	**93 965**	**135 891**
1982	**8 941**	**1 697 591**	**196 579**	**107 056**	**141 565**
1983	**8 930**	**1 194 175**	**101 375**	**155 485**	**100 581**
1984	**9 217**	**635 318**	**82 573**	**147 665**	**85 474**
1985	**9 357**	**757 260**	**78 424**	**153 783**	**136 140**
1986	**6 912**	**624 115**	..	..	..
1987e	**11 296**	**579 842**	..	..	..

[a]Approximately 60% of the forest fires have a known-man cause, 35% are caused by lightning and 5% have an unknown cause.

[b]As of 1986, data on value lost are no longer reported.

[c]Excludes the value of timber lost on 18 396 ha in the limited protection zone from 1980 to 1982.

[d]Does not include air tankers and rapattacks.

Nota: Because of differences in administrative and accounting procedures, direct comparisons between provinces and other jurisdictions are difficult and potentially misleading. The function of these data is to show the order of magnitude of forest fire control expenditures and monetary losses in Canada as well as to provide a record of the annual trend. The values are the best available, but their limitation should be recognized.

Source: Ramsey, G.S.; Higgins, D.G. Canadian Forest Fire Statistics 1980 and Canadian Forest Fire Statistics 1981, 1982, 1983. Canadian Forestry Service and unpublished figures 1984-1987.

1 - 7. STATISTICS ON FOREST INSECT AND DISEASE CONDITIONS - ESTIMATED AVERAGE ANNUAL DEPLETION CAUSED BY IMPORTANT PESTS, 1977-1981

Type	Average annual mortality volume	Growth reduction	Wood destruction	Total
		1 000 000 m^3		
A. Insects				
Spruce budworms				
Nfld.	3.7	..	-	3.7
P.E.I.	..	..	-	..
N.S.	3.1	..	-	3.1
N.B.	1.6	..	-	1.6
Que.	14.8	..	-	14.8
Ont.	11.6	..	-	11.6
Total	34.8	9.7	-	44.5
Mountain pine beetle	5.1	..	-	5.1
Spruce bark beetle	3.5	..	-	3.5
Other bark beetles	0.3	..	-	0.3
Aspen defoliators	..	8.0	-	8.0
Miscellaneous defoliators	0.3	0.8	-	1.1
Total	**44.0**	**18.5**	-	**62.5**
B. Diseases				
Dwarf mistletoes	...	3.8	-	3.8
Hypoxylon canker	11.2	..	-	11.2
Decays	...	...	25.0	25.0
Miscellaneous diseases	4.9	..	-	4.9
Total	**16.1**	**3.8**	**25.0**	**44.9**
Total insects and diseases	**60.1**	**22.3**	**25.0**	**107.4**

Source: Sterner, T.E.; Davidson, A.G. (compilation) and regional centers (collaboration). Forest Insect and Disease Conditions in Canada 1981. Canadian Forestry Service.

I - 8. PUBLIC AND INDUSTRY EXPENDITURES ON FOREST MANAGEMENT ACTIVITIES, 1977-1985[a]

Source	Year	Silviculture	Forest protection	Resource access	Research	Inventory	Timber management	Administration	Other[b]	Total[c]
						$000 000				
Provincial	1977	83.5	90.5	45.2	6.2	13.6	-	121.8	-	360.8
	1979	115.7	125.8	72.3	9.9	13.7	43.1	110.0	-	490.5
	1981	195.6	262.8	79.5	16.5	20.8	71.6	138.8	-	785.6
	1982	227.6	240.2	74.8	17.5	20.6	78.5	160.7	-	820.0
	1983	240.9	182.1	87.1	18.3	21.3	75.1	159.2	-	783.9
	1984[d]	302.4	191.5	95.9	18.6	19.8	76.9	178.7	-	883.7
	1985[d]	349.8	299.3	99.6	20.6	20.6	85.2	187.6	-	1 063.0
Federal	1977	18.6	6.2	10.6	31.0	0.8	-	10.5	-	77.7
	1979	26.9	11.2	19.2	30.1	1.4	2.9	11.5[c]	-	103.2
	1981	33.7	22.5	23.0	39.9	1.8	3.1	18.6[c]	-	142.6
	1982	46.4	26.5	17.7	46.2	0.6	2.3	11.1[c]	-	150.8
	1983	58.4	25.8	20.7	58.9	0.7	2.8	16.3[c]	-	183.6
	1984[d]	38.7	22.5	10.3	66.2	1.9	3.0	39.6	-	182.3
	1985[d]	63.4	20.4	8.0	68.8	3.2	3.6	41.5	-	208.8
Industry	1977	16.1	18.6	161.0	-	..	..	..	25.1	220.8
	1979	21.9	20.9	193.2	-	..	..	..	42.0	278.0
	1981	43.0	26.3	162.8	-	..	..	..	87.4	319.5
	1982	..	..	..	..	..	..	..	..	..
	1983	36.6	33.7	121.8	-	..	..	..	88.1	280.3
Total expenditures	**1977**	**118.2**	**115.3**	**216.8**	**37.2**	..	..	..	171.8	659.3
	1979	**164.5**	**157.8**	**284.7**	**40.0**	..	..	..	224.6	871.6
	1981	**272.3**	**311.6**	**265.3**	**56.4**	..	..	..	342.1	1 247.7
	1982	..	..	..	..	..	..	..	..	..
	1983	**335.9**	**241.6**	**229.6**	**77.2**	..	..	..	363.5	1 247.8

[a] 1977 for fiscal year 1977-1978, 1979 for 1979-1980, 1981 for 1981-1982, 1982 for 1982-1983, and 1983 for 1983-1984, etc.
[b] Other expenditures in this case include the "inventory," "timber management," and "administrative and other" categories of the public expenditures and the "other forestry" category of the industrial expenditure.
[c] $8.1 million, $17.3 million, $8.9 million, $14.1 million expended by Canadian Forestry Service headquarters in Hull, Quebec, for 1979, 1981, 1982, and 1983. Expenditures for 1977 are not known.
[d] The total may not add up due to rounding.

Source: Barron, D.E.; Smyth, J.H.; Campbell, K.L.; Martel, J.P. Forest Management Expenditures in Canada, 1977-1983. Canadian Pulp and Paper Association and Canadian Forestry Service.

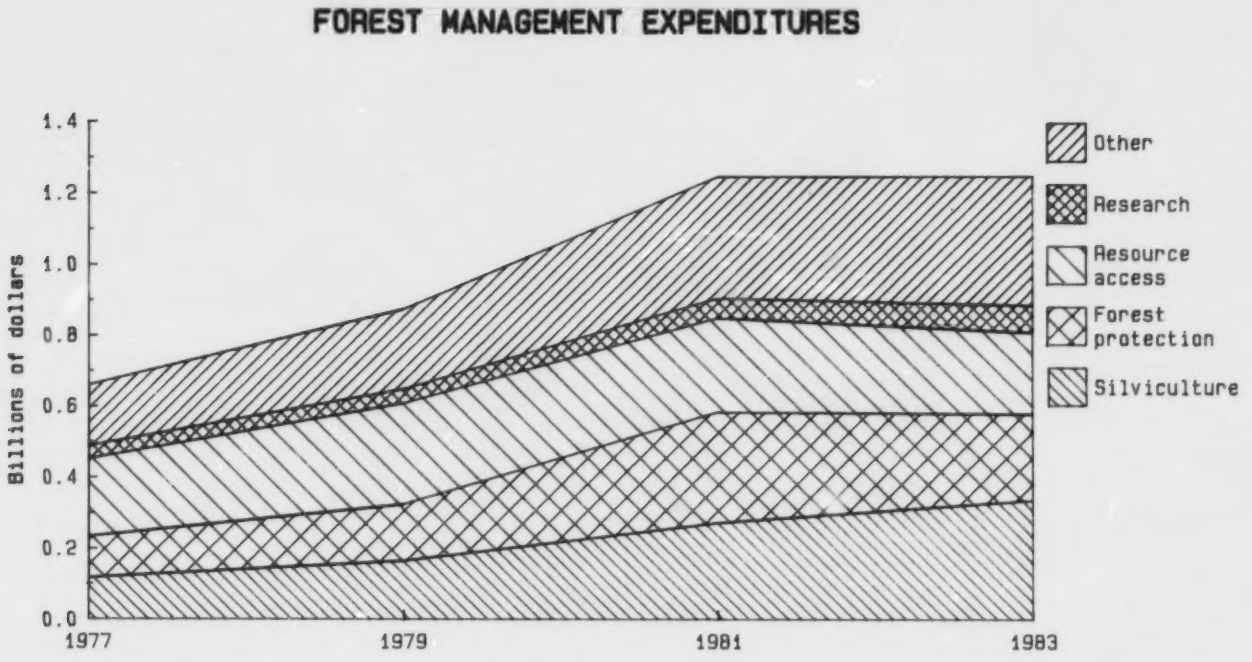

Figure 4. Public and industry expenditures on forest management by activity, 1977-1983.

Source: Forest Management Expenditures in Canada 1977-1983, Canadian Pulp and Paper Association and Canadian Forestry Service.

Figure 5. Public and industry expenditures on forest management by source, 1977-1983.

Source: Forest Management Expenditures in Canada 1977-1983, Canadian Pulp and Paper Association and Canadian Forestry Service.

I - 9. PUBLIC AND INDUSTRY EXPENDITURES ON FOREST MANAGEMENT BY SOURCE, ACTIVITY, AND PROVINCE, 1977-1985[a]

Source/ activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Sub-total	Yukon and N.W.T.	National Capital Region	Canada[b]
										$000 000							
A. Source																	
Provincial	1977	6.4	0.2	12.4	16.1	35.1	73.6	86.9	6.3	7.7	26.9	40.9	125.2	361.7	-	-	361.7
	1979	7.1	0.6	8.3	18.3	34.3	95.1	106.2	9.5	13.2	45.4	68.1	186.7	490.4	-	-	490.4
	1981	13.3	1.2	10.6	26.7	51.8	106.5	176.3	15.7	34.0	116.3	166.0	284.9	785.5	-	-	785.5
	1983	12.2	1.6	14.3	31.9	60.0	131.3	237.2	5.8	14.3	64.6	84.7	270.7	783.9	-	-	783.9
	1984[c]	8.5	1.9	15.8	30.1	56.3	175.4	238.4	7.4	22.6	66.2	96.2	317.4	883.7	-	-	883.7
	1985[c]	12.3	2.1	18.4	34.0	66.8	191.0	278.2	7.8	16.5	68.5	92.8	434.5	1 063.3	-	-	1 063.0
Federal	1977	11.3	0.6	1.2	10.5	23.6	23.0	10.8	-	0.6	4.2	4.8	4.1	66.3	10.5	-	76.8
	1979	8.6	1.4	3.0	12.4	25.4	35.6	11.5	1.3	3.3	3.6	8.2	10.4	91.1	12.2	-	103.3
	1981	8.2	2.0	5.0	14.5	29.7	46.7	24.3	-	2.4	4.9	7.3	10.0	118.0	24.7	-	142.7
	1983	15.8	2.0	4.3	17.6	39.7	50.1	31.0	-	-	7.3	7.3	14.3	142.4	27.1	14.1	183.6
	1984[c]	20.5	2.1	5.6	12.8	41.0	19.5	35.9	2.7	0.4	10.5	13.6	14.6	124.6	22.4	35.2	182.3
	1985[c]	17.0	2.7	9.3	16.3	45.3	35.0	39.5	2.7	3.0	8.9	14.6	20.8	155.2	21.2	32.3	208.8
Industrial	1977	1.4	-	5.3	10.7	17.4	43.4	29.7	1.0	2.7	13.0	16.7	113.6	220.8	-	-	220.8
	1979	3.4	-	5.1	14.6	23.1	48.4	28.9	1.4	3.0	8.4	12.8	164.8	278.0	-	-	278.0
	1981	7.7	-	10.4	20.7	38.8	55.1	29.1	2.4	4.8	10.2	17.4	179.1	319.5	-	-	319.5
	1983	5.0	-	7.7	13.6	26.3	51.9	32.8	1.6	1.9	16.4	19.9	149.3	280.3	-	-	280.3
B. Activity																	
Silviculture	1977	0.9	0.6	3.8	7.9	13.2	24.9	31.9	0.9	2.7	6.3	9.9	38.3	118.2	-	-	118.2
	1979	0.6	1.3	3.9	10.4	16.2	30.2	42.3	2.1	4.1	8.7	14.9	60.9	164.5	-	-	164.5
	1981	4.0	1.7	8.7	17.9	32.3	43.1	80.4	1.3	4.0	12.8	18.1	98.4	272.3	-	-	272.3
	1983	8.6	2.2	9.6	15.5	35.9	71.5	95.5	1.9	4.1	17.2	23.2	109.8	335.9	-	-	335.9
Protection	1977	2.5	-	1.3	9.8	13.6	31.2	32.0	3.5	3.0	9.7	16.2	16.4	109.4	5.9	-	115.3
	1979	5.6	0.1	2.9	9.3	17.9	23.2	33.4	6.0	5.4	19.4	30.8	42.3	147.6	10.2	-	157.8
	1981	7.6	0.1	3.7	15.6	27.0	29.9	52.3	11.6	26.4	76.8	114.8	65.3	289.3	22.3	-	311.6
	1983	3.6	-	3.3	16.6	23.5	49.6	65.2	1.9	7.8	19.5	29.2	48.9	216.3	25.3	-	241.6

I - 9. PUBLIC AND INDUSTRY EXPENDITURES ON FOREST MANAGEMENT BY SOURCE, ACTIVITY, AND PROVINCE, 1977-1985[a] (CONCLUDED)

Source/ activity	Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Sub-total	Yukon and N.W.T.	Canada[b]
								$000 000								
B. Activity (continued)																
Resource access	1977	4.6	-	4.9	4.7	14.2	41.5	31.5	1.7	3.6	8.6	13.9	115.7	216.8	-	216.8
	1979	4.1	0.1	5.1	5.4	14.7	53.7	32.0	2.0	6.3	5.2	13.5	170.8	284.7	-	284.7
	1981	4.8	0.1	6.1	2.9	13.9	53.7	43.6	2.4	6.3	7.7	16.4	137.7	265.3	-	265.3
	1983	5.8	0.1	5.2	3.8	14.9	46.2	71.3	1.0	0.4	6.4	7.6	89.6	229.6	-	229.6
Research[d]	1977	1.8	-	0.3	3.8	5.9	9.3	11.6	-	-	3.8	3.8	6.6	37.2	-	37.2
	1979	2.1	0.1	0.3	5.3	7.8	6.3	13.3	-	-	3.6	3.6	9.0	40.0	-	40.0
	1981	3.4	0.3	0.3	6.5	10.5	7.7	17.5	-	-	5.7	5.7	15.0	56.4	-	56.4
	1983	4.3	0.1	0.5	8.7	13.6	10.4	25.6	-	0.1	9.7	9.8	17.7	77.2	-	77.2
	1984	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other[e]	1977	9.3	0.2	8.6	11.1	29.2	33.1	20.4	1.2	1.7	15.7	18.6	65.9	167.2	4.6	171.8
	1979	6.7	0.4	4.1	14.9	26.1	65.7[f]	25.6	2.1	3.7	20.5	26.3	78.9	222.6	2.0	224.6
	1981	9.4	1.0	7.2	19.0	36.6	73.9[f]	35.9	2.8	4.5	28.4	35.7	157.6	339.7	2.4	342.1
	1983	10.7	1.2	7.7	18.7	38.3	69.8[f]	43.3	2.6	3.8	35.6	42.0	168.2	361.6	1.9	363.5
Total	**1977**	**19.1**	**0.8**	**18.9**	**37.3**	**76.1**	**140.0**	**127.4**	**7.3**	**11.0**	**44.1**	**62.4**	**242.9**	**648.8**	**10.5**	**659.3**
	1979	**19.1**	**2.0**	**16.3**	**45.3**	**82.7**	**179.1**	**146.6**	**12.2**	**19.5**	**57.4**	**89.1**	**361.9**	**859.4**	**12.2**	**871.6**
	1981	**29.2**	**3.2**	**26.0**	**61.9**	**120.3**	**208.3**	**229.7**	**18.1**	**41.2**	**131.4**	**190.7**	**474.0**	**1 223.0**	**24.7**	**1 247.7**
	1983	**33.0**	**3.6**	**26.3**	**63.1**	**126.0**	**247.4**	**300.9**	**7.4**	**16.2**	**88.4**	**112.0**	**434.2**	**1 220.7**	**27.1**	**1 247.8**

[a]1977 for fiscal year 1977-1978, 1979 for 1979-1980, 1981 for 1981-1982, and 1983 for 1983-1984, etc.
[b]Draft Report.
[c]The total may not add up due to rounding.
[d]Research expenditures include only provincial and federal estimates.
[e]Other expenditures in this case include the "inventory," "timber management," and "administration and other" categories of the public expenditures and the "other forestry" category of the industrial expenditure.
[f]$8.1 million, $17.3 million, $8.9 million, $14.1 million expended by Canadian Forestry Service headquarters in Hull, Quebec, for 1979, 1981, 1982, and 1983. Expenditures for 1977 are not known.

Source: Barron, D.E.; Smyth, J.H.; Campbell, K.L.; Martel, J.P. Forest Management Expenditures in Canada, 1977-1983. Canadian Pulp and Paper Association and Canadian Forestry Service.

I - 10. FEDERAL/PROVINCIAL FOREST AGREEMENT STATISTICS ON FOREST DEVELOPMENT BY SILVICULTURE ACTIVITIES AND PROVINCE, 1986[a]

Area/activity		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada[b]
A. Area treated (1 000 ha)[c]												
Site preparation and regeneration		1.6	2.2	16.7	16.8	130.5	66.9	2.7	2.3	19.7	39.7	299.1
Other silviculture treatments		6.8	0.8	17.9	8.8	10.6	28.6	28.1	0.6	--	22.7	124.9
Forest protection		-	-	-	-	-	-	-	-	-	-	-
Research and forest extention		-	-	-	-	-	-	-	-	-	-	-
Other activities[d]		-	-	-	-	-	-	-	-	-	-	-
Total		**8.4**	**3.0**	**34.5**	**25.6**	**141.1**	**95.5**	**30.8**	**2.9**	**19.8**	**62.4**	**424.0**
B. Source of expenditures by activity ($000)[e]												
Site preparation and regeneration	- Federal	1 177.1	1 152.0	4 266.9	2 991.8	18 350.8	11 770.3	522.4	791.2	127.0	10 568.8	51 718.3
	- Provincial	516.6	66.3	304.7	2 421.5	18 350.8	11 179.7	212.3	1 317.2	1 908.1	13 540.7	49 817.9
	- Total	1 693.6	1 218.3	4 571.5	5 413.3	36 701.6	22 950.0	734.7	2 108.4	2 035.1	24 109.5	101 536.2
Other silviculture treatments	- Federal	3 862.7	895.2	7 821.4	3 446.1	2 400.0	2 608.4	438.4	444.6	399.2	5 943.8	28 259.8
	- Provincial	1 695.1	74.1	473.8	2 964.8	2 400.0	4 777.6	156.5	74.7	-	5 201.8	17 818.4
	- Total	5 557.8	969.3	8 295.2	6 410.8	4 800.0	7 386.0	594.9	519.3	399.2	11 145.6	46 078.2
Forest protection	- Federal	279.9	-	89.2	-	323.6	383.2	-	154.9	49.5	-	1 280.3
	- Provincial	122.8	-	130.0	-	323.5	381.4	-	77.0	-	-	1 034.7
	- Total	402.7	-	219.2	-	647.1	764.6	-	232.0	49.5	-	2 315.0
Research and forest extention	- Federal	1 243.4	506.6	707.9	1 823.8	442.2	2 723.7	742.7	2 813.6	1 732.6	1 961.0	14 697.5
	- Provincial	545.7	69.1	633.4	1 957.8	442.3	1 897.7	2 838.4	363.6	953.5	2 148.2	11 849.7
	- Total	1 789.1	575.7	1 341.3	3 781.5	884.5	4 621.4	3 581.1	3 177.1	2 686.1	4 109.2	26 547.2
Other activities[d]	- Federal	481.0	443.6	1 624.9	458.6	1 797.7	724.3	448.3	386.3	669.7	2 570.6	9 605.0
	- Provincial	158.1	1 169.5	2 949.8	-	2 166.7	258.0	5.3	9.0	86.5	1 119.7	7 922.6
	- Total	639.0	1 613.1	4 574.6	458.6	3 964.4	982.3	453.6	395.3	756.1	3 690.3	17 527.6
Total activities[b]	- Federal	7 044.0	2 997.4	14 510.2	8 720.2	23 314.3	18 209.9	2 151.9	4 590.5	2 977.9	21 044.1	105 560.4
	- Provincial	3 038.2	1 379.0	4 491.6	7 344.0	23 683.3	18 494.3	3 212.5	1 841.5	2 948.0	22 010.4	88 442.8
	- Total	10 082.3	4 376.4	19 001.8	16 064.3	46 997.6	36 704.2	5 364.4	6 432.0	5 926.0	43 054.5	194 003.2

[a]Fiscal year 1986-1987.
[b]Total may not add up due to rounding.
[c]A hectare may be duplicated if it received more than one silviculture treatment.
[d]The category "Other activities" includes the expenditures related to administration, communication and evaluation.
[e]Actual costs per hectare may not be calculated as these costs in part B include indirect items.

Source: Special Compilation, Development Branch, DEVMIS, Canadian Forestry Service.

I - 11. FEDERAL/PROVINCIAL FOREST AGREEMENT STATISTICS ON FOREST DEVELOPMENT BY TENURE AND PROVINCE, 1986[a]

Area/tenure		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada[b]
A. Area treated (1 000 ha)[c]												
Provincial Crown lands		7.9	0.5	0.3	17.8	106.9	77.4	30.8	2.6	19.2	61.5	324.9
Federal and Indian lands		-	-	-	0.1	1.4	1.7	-	-	0.2	0.1	3.5
Private lands		0.5	2.5	34.2	7.7	32.8	16.3	-	-	-	0.9	94.9
Tenure not applicable		-	-	-	-	-	-	-	0.2	0.4	-	0.6
Total		**8.4**	**3.0**	**34.5**	**25.6**	**141.1**	**95.5**	**30.8**	**2.9**	**19.8**	**62.4**	**423.9**
B. Source of expenditures by tenure ($000)[d]												
Provincial Crown lands	- Federal	4 403.7	696.8	4.7	5 819.9	15 496.5	13 768.5	1 102.3	2 638.1	729.1	16 619.7	61 279.3
	- Provincial	1 932.5	207.0	184.9	6 897.3	15 496.5	16 639.7	2 976.3	1 777.5	2 404.3	21 029.9	69 545.9
	- Total	6 336.2	903.8	189.7	12 717.2	30 993.0	30 408.1	4 078.6	4 415.6	3 133.5	37 649.6	130 825.2
Federal and Indian lands	- Federal	-	-	79.6	96.7	699.0	778.6	125.4	43.0	131.6	699.0	2 652.9
	- Provincial	-	-	-	-	-	-	49.4	-	-	-	49.4
	- Total	-	-	79.6	96.7	699.0	778.6	174.8	43.0	131.6	699.0	2 702.3
Private lands	- Federal	85.8	1 017.4	12 330.6	2 669.9	6 020.1	1 796.1	-	6.4	-	260.6	24 186.9
	- Provincial	37.7	-	593.5	399.0	6 020.1	1 280.2	-	-	-	-	8 330.5
	- Total	123.5	1 017.4	12 924.2	3 068.9	12 040.2	3 076.4	-	6.4	-	260.6	32 517.4
Tenure not applicable	- Federal	2 554.6	1 283.2	2 095.3	133.8	1 098.7	1 866.8	924.2	1 903.0	2 117.2	3 464.9	17 441.7
	- Provincial	1 068.1	1 172.0	3 713.2	47.7	2 166.7	574.4	186.8	64.0	543.7	980.5	10 517.1
	- Total	3 622.6	2 455.2	5 808.4	181.5	3 265.4	2 441.2	1 111.0	1 967.0	2 660.9	4 445.4	27 958.8
Total[b]	**- Federal**	**7 044.0**	**2 997.4**	**14 510.2**	**8 720.2**	**23 314.3**	**18 209.9**	**2 151.9**	**4 590.5**	**2 977.9**	**21 044.1**	**105 560.4**
	- Provincial	**3 038.2**	**1 379.0**	**4 491.6**	**7 344.0**	**23 683.3**	**18 494.3**	**3 212.5**	**1 841.5**	**2 948.0**	**22 010.4**	**88 442.8**
	- Total	**10 082.3**	**4 376.4**	**19 001.8**	**16 064.3**	**46 997.6**	**36 704.2**	**5 364.4**	**6 432.0**	**5 926.0**	**43 054.5**	**194 003.2**

[a]Fiscal year 1986-1987.
[b]Total may not add up due to rounding.
[c]A hectare may be duplicated if it received more than one silviculture treatment.
[d]Actual costs per hectare may not be calculated as these costs in part B include indirect items.

Source: Special Compilation, Development Branch, DEVMIS, Canadian Forestry Service.

I - 12. FARM WOODLOTS BY PROVINCE, 1951-1986

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Farm woodlots in Canada	Total farm[a]	%
A. Area of farm woodlots (1 000 ha)															
1951	15	140	747	827	1 729	2 377	1 559	734	1 192	1 160	3 086	468	9 219	70 434	13.1
1961	8	120	552	498	1 178	1 822	1 318	603	888	866	2 357	305	6 980	69 829	10.0
1971	5	85	300	276	666	1 254	931	389	404	674	1 467	342	4 660	68 662	6.8
1976	8	75	262	227	572	1 160	833	376	415	709	1 500	302	4 367	68 427	6.4
1981	6	65	241	201	513	1 069	742	248	282	493	1 023	204	3 551	65 889	5.4
1986	5	61	201	184	451	1 030	588	124	153	289	566	155	2 789	67 826	4.1
B. Number of farms reporting forest products sales[b]															
1980	40	253	1 382	1 993	2 768	10 445	4 326	278	246	540	1 064	1 255	19 858	...	...
1985	31	161	1 015	886	2 093	9 386	3 331	198	164	359	721	989	16 520	...	...
C. Value of sales ($000)															
1980	92	363	4 726	4 332	9 513	23 975	11 957	1 080	993	2 542	4 615	14 928	64 988	...	...
1985	117	438	5 526	6 142	12 223	31 303	12 120	1 334	1 194	2 091	4 619	13 461	73 727	...	...

[a] A 1981 "Census Farm" is defined as a farm, ranch, or other agricultural holding with sales of agricultural products during the past 12 months of $250 or more.

[b] Includes sales of Christmas trees, fuelwood, and logs, and income from stumpage leases where an agreed amount is paid for cutting timber or pulpwood from the land. It excludes the sales of maple products.

Source: Statistics Canada. Census of Agriculture, 1986.

SECTION II

COMMODITY PRODUCTION AND SHIPMENTS

- Roundwood
- Lumber
- Wood pulp
- Newsprint
- Paper and paperboard
- Wood-based panels

II - 1. ESTIMATION OF ROUNDWOOD PRODUCTION IN CANADA BY CATEGORY AND SPECIES GROUP, 1950-1985

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
						1 000 m^3						
1950	40 095	32 311	1 700	74 106	..	..	..	..	11 509	..	..	85 615
1960	51 120	33 924	1 461	86 505	..	..	..	..	6 751	..	..	93 256
1970	75 644	40 402	1 278	117 324	109 323	8 001	1 527	2 569	4 096	110 669	10 750	121 419
1971	79 948	36 902	1 141	117 991	109 777	8 214	1 276	2 458	3 734	109 029	10 672	119 701
1972	81 211	38 428	1 109	120 748	111 331	9 417	1 196	2 187	3 383	112 526	11 604	124 131
1973	96 886	42 378	1 079	140 343	129 688	10 655	1 165	2 297	3 462	130 853	12 952	143 806
1974	85 295	48 034	1 087	134 416	124 575	9 841	1 149	2 363	3 512	125 724	12 204	137 928
1975	73 543	37 063	891	111 497	103 437	8 060	1 211	2 554	3 765	104 648	10 614	115 262
1976	97 135	36 832	1 260	135 227	127 083	8 144	1 266	2 633	3 899	128 349	10 777	139 126
1977	103 707	36 732	1 141	141 580	132 652	8 928	1 017	2 665	3 682	133 669	11 593	145 262
1978	111 536	38 039	1 344	150 918	142 798	8 914	1 109	3 074	4 183	143 114	11 988	155 102
1979	114 433	40 242	1 789	156 464	147 661	9 590	1 281	3 225	4 506	148 155	12 815	160 970
1980	109 957	38 783	1 909	150 649	141 285	9 364	1 278	3 453	4 731	142 563	12 817	155 380
1981	96 318	41 204	1 562	139 084	130 633	8 451	1 410	4 078	5 488	132 043	12 529	144 572
1982	88 869	31 084	1 390	121 343	114 317	7 026	1 548	4 125	5 673	115 865	11 151	127 016
1983	111 269	38 090	1 365	150 724	142 293	8 431	1 609	4 588	6 197	143 902	13 019	156 921
1984	117 254	42 051	1 562	160 867	151 541	9 326	1 880	4 755	6 635	153 421	14 081	167 502
1985	119 336	40 601	2 048	161 985	152 655	9 330	1 837	4 832	6 669	154 492	14 162	168 654

Source: Statistics Canada Cat. No. 25-201.

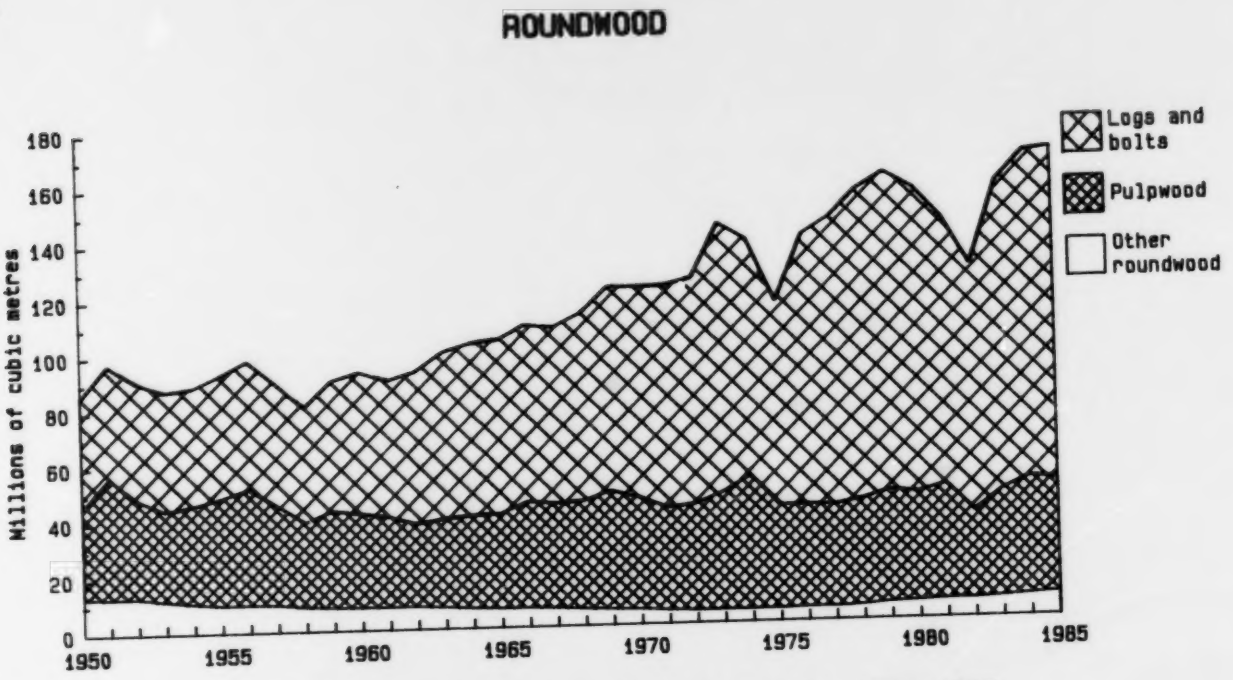

Figure 6. Roundwood production in Canada, 1950-1985.
Source: Statistics Canada, Cat. No. 25-201.

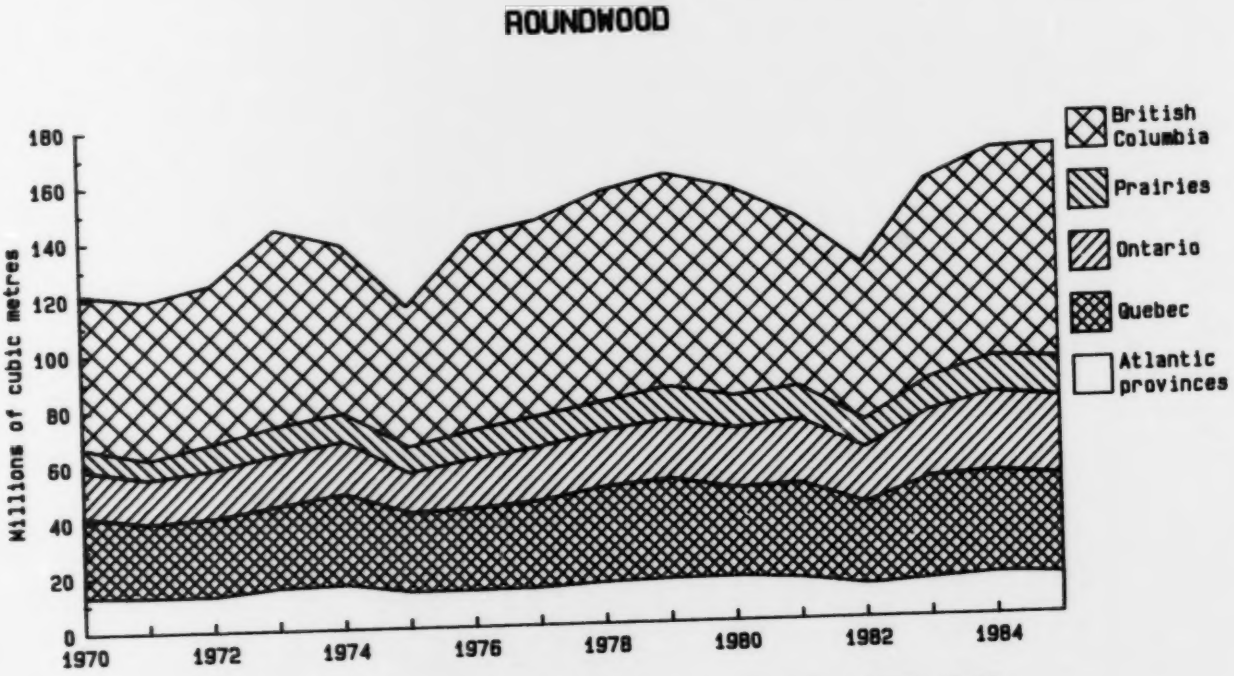

Figure 7. Roundwood production by region, 1970-1985.
Source: Statistics Canada, Cat. No. 25-201.

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1985

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Newfoundland												
1970	170	2 527	4	2 701	2 701	-	112	35	147	2 813	36	2 849
1971	151	2 013	4	2 168	2 165	3	125	31	156	2 290	34	2 324
1972	148	2 071	6	2 225	2 222	3	105	25	130	2 327	28	2 355
1973	241	2 563	7	2 811	2 808	3	108	34	142	2 915	37	2 952
1974	184	2 874	8	3 066	3 063	3	108	37	145	3 171	40	3 211
1975	147	2 195	6	2 348	2 345	3	79	25	104	2 424	28	2 452
1976	207	2 011	20	2 238	2 232	6	76	31	107	2 309	37	2 345
1977	230	1 875	8	2 113	2 110	3	62	20	82	2 172	23	2 195
1978	261	1 909	8	2 178	2 175	3	88	22	110	2 263	25	2 288
1979	269	1 968	17	2 254	2 248	6	202	25	227	2 450	31	2 481
1980	207	2 189	130	2 526	2 523	3	241	28	269	2 764	31	2 795
1981	261	1 903	8	2 172	2 169	3	356	40	396	2 525	43	2 568
1982	147	1 736	9	1 892	1 889	3	425	62	487	2 314	65	2 379
1983	293	1 697	5	1 995	1 989	6	379	55	434	2 368	61	2 429
1984	183	2 053	4	2 240	2 239	1	572	77	649	2 811	78	2 889
1985	184	1 760	8	1 952	1 951	1	490	68	558	2 441	69	2 510
Prince Edward Island												
1970	68	109	10	187	186	1	34	23	57	220	24	245
1971	77	66	9	152	137	15	40	20	60	177	35	212
1972	67	66	5	138	134	4	31	20	51	165	24	188
1973	69	62	10	141	129	12	3	28	31	131	40	172
1974	83	62	8	153	148	5	6	31	37	154	36	190
1975	71	45	6	122	118	4	8	37	45	126	41	167
1976	68	48	6	122	116	6	8	34	42	125	40	165
1977	65	37	3	105	105	-	6	28	34	111	28	139
1978	71	45	6	122	122	-	6	31	37	128	31	159
1979	85	48	11	144	144	-	11	68	79	155	68	223
1980	91	91	11	193	184	9	14	71	85	198	80	278
1981	102	59	28	189	172	17	11	133	144	183	150	333
1982	68	48	9	125	116	9	17	133	150	133	142	275
1983	96	31	11	138	125	13	18	138	156	143	151	294
1984	84	42	-	126	121	5	72	215	287	193	220	413
1985	85	43	-	128	123	5	72	215	287	195	221	416

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1985 (CONTINUED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Nova Scotia												
1970	1 033	2 022	32	3 087	2 876	211	48	109	157	2 904	320	3 224
1971	801	2 263	19	3 083	2 879	204	45	108	153	2 924	312	3 236
1972	953	2 144	16	3 133	2 832	301	40	105	145	2 851	405	3 257
1973	1 025	2 394	16	3 435	3 071	364	51	108	159	3 125	471	3 596
1974	1 021	2 792	14	3 827	3 420	407	42	127	169	3 462	534	3 996
1975	837	2 508	13	3 358	3 075	283	40	141	181	3 115	424	3 539
1976	957	2 265	20	3 242	2 970	272	48	164	212	3 019	436	3 455
1977	940	2 540	8	3 489	3 243	246	45	142	187	3 288	388	3 676
1978	974	2 968	11	3 953	3 675	278	43	161	204	3 178	439	4 157
1979	1 059	3 098	14	4 171	3 802	369	57	161	218	3 859	530	4 389
1980	960	3 310	11	4 281	3 757	524	62	201	263	3 819	725	4 544
1981	897	2 795	17	3 709	3 367	342	42	235	277	3 409	577	3 986
1982	784	1 943	11	2 738	2 557	181	40	223	263	2 597	404	3 001
1983	912	2 397	16	3 325	3 116	209	45	251	296	3 161	460	3 621
1984	993	2 270	-	3 263	2 885	378	46	250	296	2 931	628	3 559
1985	954	2 190	-	3 144	2 915	229	46	250	296	2 961	479	3 440
New Brunswick												
1970	1 871	4 712	33	6 616	5 822	794	15	184	199	5 837	978	6 815
1971	1 778	4 913	24	6 715	5 794	921	19	171	190	5 813	1 091	6 905
1972	1 830	5 167	50	7 047	6 121	926	25	154	179	6 146	1 080	7 225
1973	2 418	6 258	37	8 713	7 181	1 532	20	136	156	7 200	1 668	8 868
1974	1 926	6 626	59	8 611	6 954	1 657	23	147	170	6 977	1 804	8 781
1975	1 755	4 913	45	6 713	5 479	1 234	40	153	193	5 519	1 387	6 906
1976	1 798	5 395	88	7 281	6 083	1 198	48	150	198	6 131	1 348	7 479
1977	1 897	5 550	85	7 532	6 399	1 333	31	139	170	6 430	1 272	7 702
1978	2 265	5 947	93	8 305	7 147	1 158	34	170	204	7 181	1 328	8 509
1979	2 322	6 088	85	8 495	7 277	1 218	34	221	255	7 311	1 439	8 750
1980	2 345	5 714	76	8 135	7 022	1 113	34	218	252	7 056	1 331	8 387
1981	2 282	5 165	82	7 529	6 524	1 005	37	229	266	6 561	1 234	7 795
1982	2 061	3 956	62	6 079	5 233	846	48	193	241	5 281	1 039	6 320
1983	2 360	4 752	65	7 177	6 168	1 009	53	212	265	6 221	1 221	7 442
1984	2 534	5 486	89	8 109	7 164	945	50	219	269	7 214	1 164	8 378
1985	2 344	5 125	89	7 558	6 811	747	50	287	337	6 861	1 033	7 895

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1985 (CONTINUED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Quebec												
1970	8 778	17 740	251	**26 769**	23 272	3 497	906	1 223	**2 129**	24 179	4 720	**28 999**
1971	9 260	15 291	260	**24 811**	21 365	3 446	569	1 201	**1 770**	21 934	4 647	**26 581**
1972	10 534	15 350	271	**26 155**	21 933	4 222	586	1 104	**1 690**	22 501	5 326	**27 827**
1973	11 086	16 310	254	**27 650**	23 049	4 601	561	1 138	**1 699**	23 611	5 740	**29 350**
1974	12 204	18 548	275	**31 027**	27 459	3 568	538	1 147	**1 685**	27 997	4 715	**32 712**
1975	11 214	15 149	232	**26 595**	23 650	2 945	566	1 246	**1 812**	24 216	4 181	**28 407**
1976	13 309	13 598	311	**27 218**	23 990	3 228	566	1 274	**1 840**	24 556	4 502	**29 058**
1977	16 353	12 601	297	**29 251**	25 655	3 596	453	1 359	**1 812**	26 108	4 955	**31 063**
1978	18 576	13 096	396	**32 068**	28 571	3 497	510	1 501	**2 011**	29 081	4 998	**34 079**
1979	19 142	14 045	425	**33 612**	30 322	3 290	481	1 643	**2 124**	30 803	4 933	**35 736**
1980	16 848	12 318	453	**29 620**	26 505	3 115	368	1 699	**2 067**	26 873	4 814	**31 687**
1981	16 452	14 979	595	**30 026**	29 167	2 859	396	1 812	**2 208**	29 563	4 671	**34 234**
1982	15 787	10 316	793	**26 896**	24 522	2 374	368	1 869	**2 237**	24 890	4 243	**29 133**
1983	20 080	12 998	810	**33 888**	30 881	3 007	395	2 005	**2 400**	31 276	5 012	**36 288**
1984	18 712	14 329	944	**33 985**	31 242	2 743	456	2 078	**2 534**	31 698	4 821	**36 519**
1985	18 365	13 515	963	**32 843**	30 206	2 637	460	2 098	**2 558**	30 666	4 735	**35 401**
Ontario												
1970	5 154	10 638	216	**16 008**	13 068	2 940	181	612	**793**	13 250	3 551	**16 801**
1971	5 380	9 472	208	**15 060**	12 172	2 888	229	549	**778**	12 401	3 438	**15 839**
1972	6 088	10 349	201	**16 638**	13 575	3 063	212	510	**732**	13 787	3 574	**17 361**
1973	6 357	11 142	203	**17 702**	14 658	3 044	215	527	**742**	14 875	3 571	**18 446**
1974	6 017	11 893	150	**18 060**	14 903	3 157	227	580	**807**	15 130	3 737	**18 867**
1975	5 267	7 929	142	**13 337**	10 760	2 577	241	637	**878**	11 001	3 214	**14 215**
1976	7 362	9 401	193	**16 956**	14 181	2 775	255	665	**920**	14 436	3 340	**17 876**
1977	7 915	10 306	156	**18 377**	15 107	3 270	198	694	**892**	15 305	3 964	**19 269**
1978	8 255	10 604	139	**18 998**	15 636	3 362	255	934	**1 189**	15 891	4 296	**20 187**
1979	9 132	10 769	133	**20 034**	16 098	3 936	297	963	**1 260**	16 395	4 899	**21 294**
1980	9 061	10 803	113	**19 977**	16 226	3 751	255	1 090	**1 345**	16 481	4 841	**21 322**
1981	8 707	12 105	127	**20 939**	17 683	3 256	382	1 487	**1 869**	18 065	4 743	**22 808**
1982	7 634	10 222	113	**17 969**	15 087	2 882	359	1 450	**1 809**	15 446	4 322	**19 778**
1983	9 008	12 450	107	**21 565**	18 112	3 453	431	1 740	**2 171**	18 543	5 193	**23 736**
1984	12 321	13 631	7	**25 959**	21 489	4 470	360	1 811	**2 171**	21 849	6 281	**28 130**
1985	12 238	13 805	7	**26 050**	21 675	4 375	360	1 815	**2 175**	22 035	6 190	**28 225**

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1985 (CONTINUED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
	1 000 m^3											
Manitoba												
1970	314	664	91	**1 075**	929	146	100	84	**184**	1 029	230	**1 260**
1971	405	873	92	**1 370**	1 233	137	111	74	**185**	1 344	212	**1 556**
1972	581	954	115	**1 654**	1 481	173	108	74	**182**	1 589	246	**1 835**
1973	691	886	93	**1 675**	1 502	173	93	59	**152**	1 596	232	**1 828**
1974	510	1 321	105	**1 936**	1 816	120	91	74	**165**	1 907	194	**2 101**
1975	504	1 274	88	**1 866**	1 753	113	85	71	**156**	1 838	184	**2 022**
1976	589	878	105	**1 572**	1 487	85	85	85	**170**	1 572	170	**1 742**
1977	603	948	91	**1 642**	1 563	79	57	85	**142**	1 620	164	**1 784**
1978	640	937	93	**1 670**	1 563	107	45	88	**133**	1 608	195	**1 803**
1979	654	1 085	59	**1 798**	1 653	145	37	68	**105**	1 690	213	**1 903**
1980	688	1 458	82	**2 228**	2 106	122	25	82	**107**	2 131	204	**2 335**
1981	543	1 104	54	**1 701**	1 608	93	25	77	**102**	1 633	170	**1 803**
1982	527	790	57	**1 374**	1 283	91	28	96	**124**	1 311	187	**1 498**
1983	514	840	51	**1 405**	1 315	90	26	89	**115**	1 341	179	**1 520**
1984	333	1 202	47	**1 582**	1 486	96	116	-[b]	**116**	1 602	96	**1 698**
1985	480	1 065	48	**1 593**	1 470	123	123	..[b]	**123**	1 594	123	**1 717**
Saskatchewan												
1970	608	1 253	259	**2 120**	1 910	210	68	188	**256**	1 977	398	**2 375**
1971	597	1 231	212	**2 040**	1 802	238	65	187	**252**	1 867	425	**2 292**
1972	976	1 308	171	**2 455**	2 144	311	48	136	**184**	2 194	447	**2 641**
1973	944	1 356	174	**2 474**	2 188	286	54	190	**244**	2 242	477	**2 718**
1974	710	1 687	170	**2 567**	2 276	291	51	159	**210**	2 327	450	**2 777**
1975	713	1 305	74	**2 092**	1 790	302	59	162	**221**	1 849	464	**2 313**
1976	1 127	1 345	167	**2 639**	2 342	297	71	156	**227**	2 413	453	**2 866**
1977	1 897	722	156	**2 775**	2 350	425	42	142	**184**	2 932	567	**2 959**
1978	1 614	974	119	**2 707**	2 367	340	46	110	**156**	2 413	450	**2 863**
1979	1 778	1 549	127	**3 454**	3 083	371	77	48	**125**	3 160	419	**3 579**
1980	1 520	1 569	122	**3 211**	2 849	362	79	40	**119**	2 928	402	**3 330**
1981	1 662	1 605	161	**3 428**	2 918	510	85	42	**127**	3 003	552	**3 555**
1982	1 382	898	122	**2 402**	2 102	300	79	45	**124**	2 181	345	**2 526**
1983	960	1 396	127	**2 483**	2 275	208	82	47	**129**	2 357	255	**2 612**
1984	1 145	1 323	125	**2 593**	2 436	157	70	63	**133**	2 506	220	**2 726**
1985	1 220	1 057	591	**2 868**	2 537	331	87	62	**150**	2 624	393	**3 017**

II - 2. ESTIMATION OF ROUNDWOOD PRODUCTION BY PROVINCE, CATEGORY, AND SPECIES GROUP, 1970-1985 (CONCLUDED)

Year	Industrial roundwood						Fuelwood			Total		
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total
						1 000 m^3						
Alberta												
1970	3 186	690	115	**3 991**	3 937	52	40	112	**152**	3 978	166	**4 144**
1971	3 101	779	99	**3 979**	3 910	69	42	117	**159**	3 952	186	**3 138**
1972	3 639	1 017	147	**4 803**	4 695	108	31	59	**90**	4 726	167	**4 893**
1973	3 956	1 402	134	**5 492**	5 430	62	31	76	**107**	5 460	139	**5 599**
1974	2 560	2 229	176	**4 965**	4 894	71	34	59	**93**	4 928	130	**5 058**
1975	2 944	1 745	144	**4 833**	4 751	82	51	79	**130**	4 802	161	**4 963**
1976	3 341	1 892	272	**5 505**	5 434	71	51	71	**122**	5 485	142	**5 627**
1977	3 893	2 152	212	**6 257**	6 218	39	59	54	**113**	6 277	93	**6 370**
1978	3 817	1 558	249	**5 624**	5 581	43	45	57	**102**	5 626	100	**5 726**
1979	3 945	1 592	606	**6 143**	6 115	28	37	28	**65**	6 152	56	**6 208**
1980	3 925	1 331	609	**5 865**	5 757	108	45	23	**68**	5 802	131	**5 933**
1981	4 647	1 489	399	**6 535**	6 402	133	28	23	**51**	6 430	156	**6 586**
1982	4 257	1 175	147	**5 581**	5 462	119	79	54	**133**	5 541	173	**5 714**
1983	5 666	1 529	23	**7 218**	7 060	158	75	51	**126**	7 135	209	**7 344**
1984	6 557	1 715	86	**8 358**	7 827	531	57	42	**99**	7 884	573	**8 457**
1985	6 786	2 041	53	**8 880**	7 998	882	62	37	**99**	8 060	919	**8 979**
British Columbia[a]												
1970	54 409	..	318	**54 727**	54 399	327	..	..	..	54 399	327	**54 726**
1971	56 364	..	186	**56 550**	56 257	293	..	..	..	56 257	293	**56 551**
1972	56 338	..	114	**56 452**	56 146	306	..	..	..	56 146	306	**56 451**
1973	69 998	..	139	**70 137**	69 560	577	..	..	..	69 560	577	**70 137**
1974	59 975	..	111	**60 086**	59 525	561	..	..	..	59 525	561	**60 086**
1975	49 942	..	136	**50 078**	49 554	516	..	..	..	49 562	516	**50 078**
1976	69 424	..	96	**69 524**	69 313	207	..	..	..	69 314	207	**69 521**
1977	69 823	..	147	**69 970**	69 834	136	..	..	..	69 834	136	**69 971**
1978	74 951	..	213	**75 164**	75 037	127	..	..	..	75 037	127	**75 164**
1979	75 892	..	303	**76 194**	75 968	227	..	..	..	75 968	227	**76 195**
1980	74 247	..	407	**74 654**	74 396	258	..	..	..	74 396	258	**74 654**
1981	60 700	..	80	**60 780**	60 547	233	..	..	..	60 547	233	**60 780**
1982	56 178	..	53	**56 231**	56 010	221	..	..	..	56 010	221	**56 231**
1983	71 320	..	123	**71 443**	71 162	281	..	..	..	71 162	281	**71 443**
1984	74 337	..	219	**74 556**	74 556	..[b]	..	..	..	74 556	..[b]	**74 556**
1985	76 622	..	246	**76 868**	76 868	..[b]	..	..	..	76 868	..[b]	**76 868**

[a]Pulpwood included in logs and bolts and fuelwood included in other roundwood; see also table II-5 for more details.
[b]Included with softwoods.

Source: Statistics Canada Cat. No. 25-201.

II - 3. SHIPMENTS OF ROUNDWOOD BY PROVINCE, 1970-1984

Year	Nova Scotia	New Brunswick	Quebec	Ontario	British Columbia[a]	Other provinces	Canada
A. Quantity (1 000 m^3)							
1970	1 899	7 337	24 640	14 684	43 692[r]	5 782	98 035[r]
1971	1 941	7 429	22 290	13 672	43 661[r]	4 983	93 976[r]
1972	2 089	7 002	22 599	15 704	45 914[r]	5 918	99 226[r]
1973	2 553	9 005	21 868	15 731	53 224[r]	7 128	109 509[r]
1974	2 892	9 124	23 400	16 438	47 253[r]	8 523	107 631[r]
1975	2 236	7 094	21 451	11 583	35 460[r]	7 400	85 224[r]
1976	2 122	8 129	20 044	12 983	48 824[r]	7 187	99 289[r]
1977	2 363	7 717	19 850	14 802	49 112[r]	6 386	100 230[r]
1978	2 525	8 464	19 783	15 877	51 618[r]	7 371	105 638[r]
1979	2 834	8 928	22 139	16 248	50 839[r]	7 992	108 980[r]
1980	2 908	8 525	19 443	16 743	53 130	6 978	107 727
1981	2 929	8 797	21 967	16 855	45 482	8 023	104 053
1982	2 767	5 984	17 506	15 828	36 541	7 761	86 387
1983	2 371	7 423	18 025	16 928	47 700	6 257	98 704
1984	3 751	8 914	17 889	18 290	46 357	7 247	102 448
B. Value ($000 000)							
1970	17	73	307	184	475[r]	61	1 118[r]
1971	19	81	280	178	508[r]	54	1 120[r]
1972	21	79	290	205	599[r]	70	1 265[r]
1973	28	113	319	222	873[r]	94	1 648[r]
1974	39	131	394	281	846[r]	132	1 823[r]
1975	36	114	433	243	651[r]	137	1 615[r]
1976	36	143	448	307	995[r]	149	2 078[r]
1977	46	144	480	373	1 089[r]	136	2 269[r]
1978	50	165	511	428	1 281[r]	163	2 597[r]
1979	56	188	586	483	1 676[r]	187	3 175[r]
1980	61	200	553	527	1 801	187	3 329
1981	67	222	683	587	1 479	243	3 280
1982	56	165	599	540	1 302	241	2 902
1983	64	217	636	621	1 726	215	3 485
1984	90	271	661	693	1 683	236	3 634

[a]For additional information on shipments of roundwood in British Columbia, see Section X.C.

Source: Statistics Canada Cat. No. 25-201.

II - 4. SHIPMENTS[a] OF ROUNDWOOD BY CATEGORY AND SPECIES GROUP, 1970-1984

	Logs and bolts		Pulpwood		Other roundwood	Total roundwood	Wood chips
	Softwoods	Hardwoods	Softwoods	Hardwoods			
			1 000 m^3				1 000 t
A. Quantity							
1970	51 206r	1 771	40 643	4 124	291	98 035r	69
1971	52 059r	1 692	36 050	3 895	281	93 976r	22
1972	55 704r	1 849	37 809	3 563	302	99 226r	51
1973	63 706r	1 896	39 003	4 607	297	109 509r	37
1974	57 103r	2 358	42 417	5 348	405	107 631r	90
1975	45 137r	1 414	36 053	2 198	422	85 224r	124
1976	59 702r	1 515	34 525	3 167	379	99 289r	275
1977	62 105r	1 717	32 432	3 635	341	100 230r	318
1978	65 640r	1 573	34 686	3 457	283	105 638r	133
1979	66 675r	1 691	36 303	3 780	532	108 980r	134
1980	68 508	1 598	33 705	3 383	532	107 727	182
1981	60 495	1 401	37 359	4 296	512	104 053	217
1982	48 729	1 332	32 717	3 492	117	86 387	482
1983	62 891	1 402	29 906	4 435	71	98 704	643
1984	63 067	2 271	30 743	6 284	84	102 449	516
B. Value ($000 000)							
1970	542r	23	501	42	10	1 118r	2
1971	588r	23	458	41	10	1 120r	--
1972	700r	27	491	37	10	1 265r	1
1973	998r	31	555	56	8	1 648r	1
1974	978r	42	719	72	12	1 823r	3
1975	795r	31	737	38	14	1 615r	4
1976	1 182r	34	789	58	14	2 078r	14
1977	1 332r	41	811	72	13	2 269r	19
1978	1 577r	42	891	74	14	2 597r	7
1979	2 024r	48	986	91	26	3 175r	7
1980	2 179	50	991	84	25	3 329	11
1981	1 888	45	1 204	123	20	3 280	11
1982	1 645	41	1 100	110	6	2 902	20
1983	2 185	50	1 095	144	6	3 481	32
1984	2 199	70	1 164	194	7	3 634	28

[a]For additional information on the discrepancies between production and shipments figures, see Section X.C.

Source: Statistics Canada Cat. No. 25-201.

II - 5. REPORTED ROUNDWOOD PRODUCTION ON FEDERAL LANDS BY AGENCY AND CATEGORY, 1986-1987

Agency/ roundwood category	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.	Total
						1 000 m^3							
A. Yukon and N.W.T.	...	...	...	...	...	...	...	...	...	...	**140.9**	**58.9**	**199.8**
Logs and bolts	...	...	...	...	...	...	...	...	...	...	40.7	27.9	**68.6**
Pulpwood	...	...	...	...	...	...	...	...	...	...	-	-	**-**
Fuelwood	...	...	...	...	...	...	...	...	...	...	98.1	30.9	**128.9**
Other roundwood	...	...	...	...	...	...	...	...	...	...	2.1	0.1	**2.2**
B. Indian reserves	...	**0.1**	**4.3**	**22.6**	**505.6**	**180.3**	**11.4**	**31.1**	**28.8**	**184.8[a]**	**-**	**-**	**969.0**
Logs and bolts	...	-	-	-	435.8	119.0	1.2	3.9	28.3	168.1[a]	-	-	**756.3**
Pulpwood	...	-	3.6	20.3	35.3	43.6	-	3.0	-	16.6[a]	-	-	**122.4**
Fuelwood	...	0.1	0.7	2.3	34.5	17.7	10.1	24.0	0.5	-[a]	-	-	**89.9**
Other roundwood	...	-	-	-	-	-	0.1	0.2	-	0.1[a]	-	-	**0.3**
C. National defence	**-**	**-**	**-**	**102.5**	**9.4**	**37.6**	**-**	**-**	**-**	**43.4**	**-**	**-**	**192.9**
Logs and bolts	-	-	-	10.9	5.2	10.7	-	-	-	43.4	-	-	**70.2**
Pulpwood	-	-	-	40.3	0.5	21.1	-	-	-	-	-	-	**61.9**
Fuelwood	-	-	-	13.6	3.7	5.6	-	-	-	-	-	-	**22.9**
Other roundwood	-	-	-	37.7	-	0.2	-	-	-	-	-	-	**37.9**
D. Canadian Forestry Service	**-**	**-**	**-**	**8.1**	**-**	**2.3**	**-**	**-**	**-**	**-**	**-**	**-**	**10.4**
Logs and bolts	-	-	-	1.5	-	1.1	-	-	-	-	-	-	**2.6**
Pulpwood	-	-	-	3.9	-	0.5	-	-	-	-	-	-	**4.4**
Fuelwood	-	-	-	1.1	-	0.7	-	-	-	-	-	-	**1.8**
Other roundwood	-	-	-	1.6	-	--	-	-	-	-	-	-	**1.6**
E. Other	**-**	**-**	**-**	**-**	**-**	**0.5**	**1.3**	**-**	**219.4**	**5.4**	**-**	**-**	**226.6**
Logs and bolts	-	-	-	-	-	0.1	0.1	-	219.4	5.4	-	-	**225.0**
Pulpwood	-	-	-	-	-	0.4	1.2	-	-	-	-	-	**1.6**
Fuelwood	-	-	-	-	-	-	-	-	-	-	-	-	**-**
Other roundwood	-	-	-	-	-	-	-	-	-	-	-	-	**-**
F. Total	**-**	**0.1**	**4.3**	**133.2**	**515.0**	**220.6**	**12.7**	**31.1**	**248.2**	**233.6**	**140.9**	**58.9**	**1 598.6**
Logs and bolts	**-**	**-**	**-**	**12.4**	**441.0**	**130.8**	**1.2**	**3.9**	**247.7**	**216.9**	**40.7**	**27.9**	**1 122.6**
Pulpwood	**-**	**-**	**3.6**	**64.5**	**35.8**	**65.6**	**1.2**	**3.0**	**-**	**16.6**	**-**	**-**	**190.3**
Fuelwood	**-**	**0.1**	**0.7**	**17.0**	**38.2**	**24.1**	**10.2**	**24.0**	**0.5**	**-**	**98.1**	**30.9**	**243.6**
Other roundwood	**-**	**-**	**-**	**39.3**	**-**	**0.2**	**0.1**	**0.2**	**-**	**0.1**	**2.1**	**0.1**	**42.1**

[a]All data not available. Estimates are based on 1985-86 values.

Source: Timber Harvest on Federal Lands 1982-1987 (preliminary data). Canadian Forestry Service.

II - 6. PULPWOOD PRODUCTION FOR DOMESTIC CONSUMPTION AND RECEIPTS OF WOOD RESIDUES BY DOMESTIC MILLS, 1970-1987

	Pulpwood production for domestic consumption						Receipts of wood residues by domestic mills			
		Receipts								
Year	Limit production[a]	at mill of purchased pulpwood (except B.C.)	of pulpwood by mills in B.C.[b]	Total	Imports of pulpwood (minus)	Pulpwood production for domestic consumption	Wood chips	Veneer cores, slabs and edgings, sawdust, shavings, etc.	Total wood residues	Total
					1 000 m^3					
1970	26 469	14 266	9 442	50 177	222	49 955	16 984	960	17 944	67 898
1971	22 590	12 714	9 554	44 858	262	44 596	19 232	1 249	20 480	65 077
1972	24 092	11 935	9 128	45 155	389	44 766	21 495	1 875	23 370	68 136
1973	30 933	12 102	9 332	52 367	304	52 063	24 636	2 911	27 547	79 610
1974	35 479	14 684	9 843	60 005	626	59 379	28 407	2 569	30 976	90 355
1975	29 137	11 292	6 634	47 063	492	46 571	21 608	1 882	23 490	70 061
1976	24 157	11 415	7 673	43 245	503	42 742	31 467	2 552	34 019	76 761
1977	27 201	11 107	6 489	44 797	613	44 184	31 180	2 410	33 590	77 774
1978	27 930	12 092	6 037	46 059	618	45 441	33 489	2 766	36 255	81 696
1979	31 012	12 691	5 854	49 557	824	48 732	36 352	2 923	39 275	88 007
1980	28 758	15 229	6 478	50 466	614	49 852	37 206	2 768	39 974	89 826
1981	29 784	16 811	6 620	53 215	527	52 688	35 357	2 762	38 119	90 807
1982	21 906	13 875	6 087	41 867	529	41 338	30 703	2 643	33 346	74 684
1983	23 397	14 263	6 058	43 718	560	43 158	36 251	3 476	39 727	82 885
1984	26 002	16 441	5 756	48 199	609	47 591	36 964	4 157	41 121	88 712
1985	24 449	15 417	5 278	45 145	526	44 619	41 026	4 154	45 180	90 325
1986	23 966	16 276	5 569	45 812	329	45 483	42 261	4 403	46 664	92 147
1987	..	..	..	45 539	..	..	51 443	4 988	56 431	101 970

[a]Limit production means the volume produced from an owner's freehold lands or leased lands.

[b]Data on production of pulpwood as such are not available for British Columbia. The figures shown represent receipts of pulpwood.

Source: Statistics Canada Cat. No. 25-001.

II - 7. LUMBER PRODUCTION BY PROVINCE AND SPECIES GROUP, 1950-1987

Year	Species	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Canada
							1 000 m^3						
1950	Softwoods	104	27	605	636	2 186	1 551	125	142	772	8 254	8	14 410
	Hardwoods	3	1	58	69	479	384	13	14	9	25	-	1 055
	Total	**107**	**27**	**664**	**705**	**2 665**	**1 935**	**138**	**156**	**781**	**8 280**	**8**	**15 465**
1960	Softwoods	67	20	525	581	2 119	1 098	65	145	718	12 511	14	17 862
	Hardwoods	1	--	23	75	514	386	16	14	8	7	-	1 045
	Total	**68**	**20**	**548**	**656**	**2 633**	**1 484**	**82**	**159**	**726**	**12 518**	**14**	**18 907**
1970	Softwoods	81	28	464	564	3 321	1 494	83	248	1 092	18 056	17	25 449
	Hardwoods	-	--	12	96	464	508	40	-	8	12	-	1 139
	Total	**81**	**28**	**476**	**660**	**3 785**	**2 002**	**122**	**248**	**1 100**	**18 067**	**17**	**26 588**
1971	Softwoods	74	29	361	603	3 560	1 658	131	286	1 171	21 081	11	28 965
	Hardwoods	1	3	12	75	491	429	33	-	9	8	1	1 062
	Total	**75**	**32**	**372**	**677**	**4 051**	**2 087**	**164**	**286**	**1 180**	**21 090**	**12**	**30 027**
1972	Softwoods	73	27	431	660	4 368	1 780	187	394	1 373	22 423	7	31 724
	Hardwoods	1	--	12	76	607	499	50	-	22	9	1	1 276
	Total	**75**	**27**	**442**	**736**	**4 975**	**2 279**	**237**	**394**	**1 395**	**22 431**	**8**	**33 000**
1973	Softwoods	117	34	459	604	4 859	2 116	155	383	1 863	24 581	7	35 179
	Hardwoods	2	-	12	98	703	555	30	11	38	15	-	1 465
	Total	**119**	**34**	**471**	**702**	**5 563**	**2 671**	**185**	**394**	**1 901**	**24 597**	**7**	**36 644**
1974	Softwoods	85	21	453	639	4 575	2 241	245	285	1 517	20 613	6	30 680
	Hardwoods	2	7	15	77	701	590	29	4	4	15	-	1 444
	Total	**87**	**28**	**468**	**716**	**5 276**	**2 831**	**274**	**289**	**1 521**	**20 628**	**6**	**32 124**
1975	Softwoods	68	28	374	609	4 309	1 917	164	263	1 003	17 566	10	26 312
	Hardwoods	1	-	13	71	479	396	29	-	-	3	-	993
	Total	**70**	**28**	**387**	**680**	**4 787**	**2 313**	**193**	**264**	**1 003**	**17 569**	**10**	**27 305**
1976	Softwoods	100	28	429	686	5 170	2 277	207	454	1 201	25 075	11	35 638
	Hardwoods	2	-	14	83	562	497	20	7	-	-	-	1 184
	Total	**102**	**28**	**443**	**769**	**5 731**	**2 773**	**228**	**460**	**1 201**	**25 075**	**11**	**36 822**
1977	Softwoods	111	28	423	695	6 051	2 731	211	499	1 455	28 377	14	40 594
	Hardwoods	2	-	12	61	442	459	22	15	22	1	-	1 038
	Total	**113**	**28**	**435**	**756**	**6 493**	**3 191**	**233**	**514**	**1 477**	**28 378**	**14**	**41 633**

II - 7. LUMBER PRODUCTION BY PROVINCE AND SPECIES GROUP, 1950-1987 (CONCLUDED)

Year	Species	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Canada
								1 000 m^3					
1978	Softwoods	112	30	437	879	6 948	3 267	220	479	1 621	29 569	14	43 576
	Hardwoods	1	8	11	56	624	561	30	9	9	2	-	1 311
	Total	**113**	**38**	**448**	**935**	**7 572**	**3 828**	**250**	**488**	**1 631**	**29 570**	**14**	**44 887**
1979	Softwoods	116	33	470	991	7 655	3 645	226	438	1 607	30 355	28	45 564
	Hardwoods	2	7	22	68	464	505	43	6	16	2	-	1 136
	Total	**118**	**40**	**492**	**1 059**	**8 119**	**4 150**	**270**	**444**	**1 622**	**30 357**	**28**	**46 700**
1980	Softwoods	99	35	427	1 146	7 361	3 868	247	394	1 704	28 202	40	43 524
	Hardwoods	2	2	18	78	698	599	37	21	12	5	-	1 472
	Total	**101**	**38**	**444**	**1 224**	**8 059**	**4 468**	**284**	**415**	**1 716**	**28 207**	**40**	**44 995**
1981	Softwoods	77	35	379	865	7 030	3 717	191	440	1 926	24 544	32	39 237
	Hardwoods	2	7	24	59	354	471	31	11	19	3	-	980
	Total	**79**	**42**	**403**	**924**	**7 384**	**4 181**	**222**	**452**	**1 945**	**24 547**	**32**	**40 217**
1982	Softwoods	68	24	338	660	6 100	3 328	222	450	1 746	23 406	22	36 364
	Hardwoods	1	5	22	49	417	536	31	8	20	-	-	1 088
	Total	**70**	**28**	**361**	**708**	**6 517**	**3 864**	**252**	**458**	**1 767**	**23 406**	**22**	**37 452**
1983	Softwoods	86	38	405	1 124	8 515	3 606	172	457	2 447	30 774	-	47 624
	Hardwoods	2	-	18	66	326	511	40	-	77	4	-	1 043
	Total	**88**	**38**	**423**	**1 190**	**8 841**	**4 117**	**212**	**457**	**2 524**	**30 778**	**-**	**48 666**
1984	Softwoods	88	38	445	1 012	8 383	3 972	105	520	2 287	30 859	-	47 708
	Hardwoods	1	-	15	55	469	586	33	-	119	3	-	1 281
	Total	**89**	**38**	**460**	**1 066**	**8 852**	**4 559**	**138**	**520**	**2 405**	**30 862**	**-**	**48 989**
1985[a]	Softwoods	x	x	439	1 332	9 416	4 855	138	516	2 771	33 042	-	52 513
	Hardwoods	x	x	20	92	474	457	51	-	257	2	-	1 348
	Total	**x**	**x**	**459**	**1 424**	**9 890**	**5 312**	**189**	**516**	**3 028**	**33 044**	**-**	**53 861**
1986[a]	Softwoods	x	x	521	1 632	11 606	5 181	231	399	3 125	31 466	-	54 162
	Hardwoods	x	x	9	47	351	412	11	-	64	2	-	896
	Total	**x**	**x**	**531**	**1 679**	**11 957**	**5 593**	**241**	**399**	**3 189**	**31 468**	**-**	**55 058**
1987[a]	Softwoods	x	x	533	1 680	12 035	5 066	275	452	3 516	37 488	-	61 045
	Hardwoods	x	x	6	61	367	427	16	-	72	4	-	953
	Total	**x**	**x**	**539**	**1 741**	**12 401**	**5 493**	**292**	**452**	**3 587**	**37 492**	**-**	**61 998**

[a]1950-1984 data from the annual census of manufactures, 1985-1987 data from the monthly survey.

Source: Statistics Canada Cat. No. 35-204, 35-003, and 35-002.

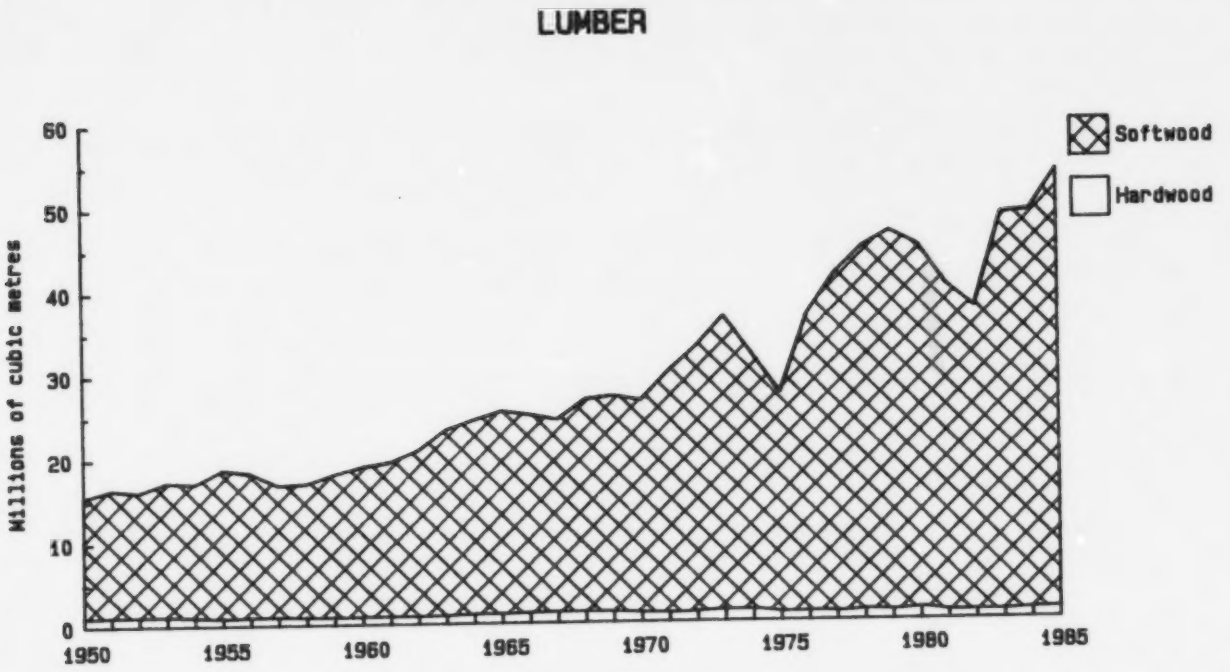

Figure 8. Lumber production in Canada, 1950-1985.
Source: Statistics Canada, Cat. No. 35-204.

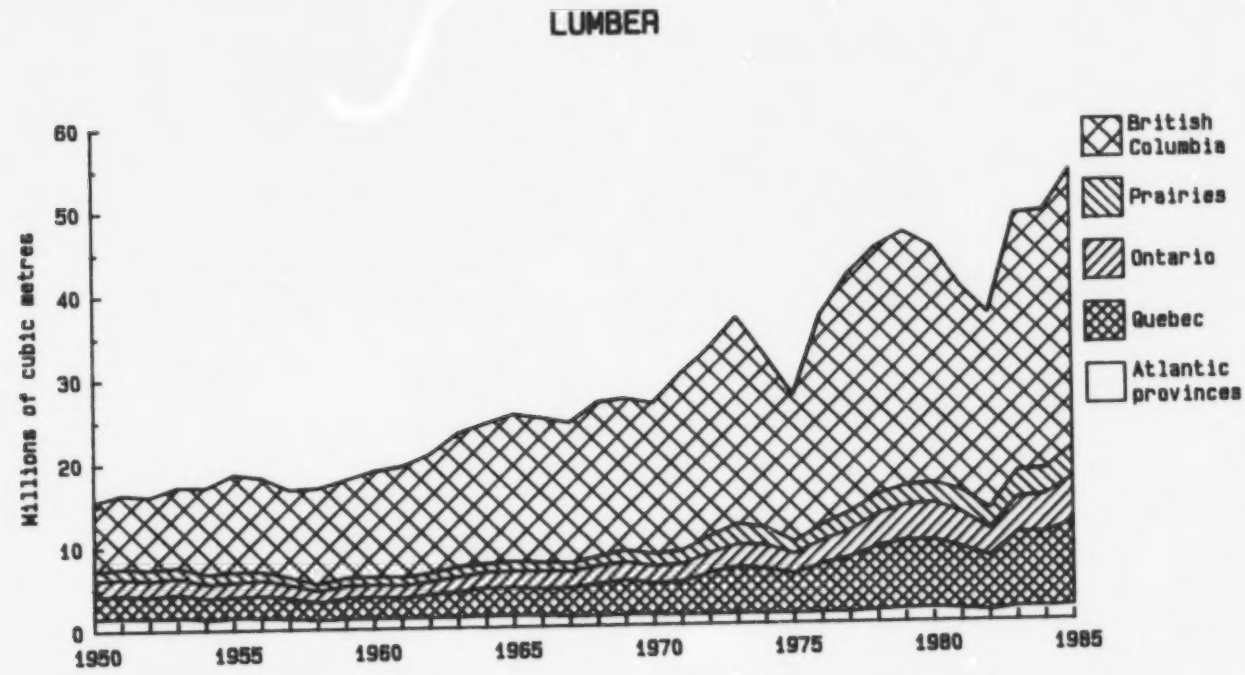

Figure 9. Lumber production by region, 1950-1985.
Source: Statistics Canada, Cat. No. 35-204.

Year	Maple	Yellow birch	White birch	Poplar, aspen, cottonwood	Elm	Basswood	Beech	Ash	Oak	Other[b]	Total hardwoods	Total softwoods and hardwoods
A. Quantity (1 000 m^3)												
1970	391	270	33	27	41	37	12	7	12	229	1 059	25 857
1971	403	283	23	46	33	33	-	9	14	210	1 021	29 810
1972	508	305	29	86	40	37	24	-	17	151	1 197	33 167
1973	519	315	45	148	32	47	31	12	21	189	1 359	34 691
1974	505	246	20	108	29	37	39	15	21	111	1 131	30 999
1975	364	219	9	39	18	24	16	9	12	93	803	25 917
1976	353	225	7	39	16	27	15	9	14	105	810	33 693
1977	325	208	20	41	7	25	14	10	18	111	779	39 014
1978	343	231	19	48	9	32	17	10	23	111	843	41 980
1979	407	197	26	65	9	32	19	13	39	132	939	42 948
1980	331	172	29	67	7	28	19	13	40	127	833	40 348
1981	307	159	21	54	6	30	13	9	37	106	742	39 180
1982	199	97	18	87	2	23	12	7	40	50	535	35 098
1983	211	149	24	162	1	21	13	6	39	43	668	44 772
1984	228	138	36	148	1	19	13	6	52	83	724	46 802
1985	422e	155	44e	227	x	..	23e	26e	115e	..	..	x
B. Value ($000 000)												
1970	23	15	1	1	2	2	-	-	1	11	56	925
1971	26	16	1	1	2	2	-	1	1	7	57	1 159
1972	39	22	2	3	3	2	1	-	1	8	81	1 632
1973	43	26	3	7	2	3	2	1	2	11	100	2 227
1974	43	22	1	5	2	3	3	1	2	9	92	1 878
1975	29	19	1	2	1	2	1	1	1	8	65	1 473
1976	30	21	1	2	1	3	1	1	2	8	69	2 203
1977	30	20	2	3	1	3	1	1	2	9	71	2 960
1978	36	25	2	3	1	4	1	1	3	10	87	3 863
1979	51	26	3	6	1	4	2	2	6	16	117	4 667
1980	43	24	4	6	1	4	2	2	9	15	110	4 005
1981	42	22	3	5	1	4	1	1	8	15	102	3 623
1982	26	14	2	9	1	4	1	1	8	6	72	3 104
1983	32	25	3	14	--	3	2	1	8	5	94	4 598
1984	36	24	5	17	--	3	2	1	10	16	115	4 736
1985	73e	28	7	28	x	6e	4	5	36e	10	197e	x

[a] As reported by sawmills and planning mills.
[b] Including red alder in some cases.

Source: Statistics Canada Cat. No. 35-204 and 35-250.

II - 9. SHIPMENTS OF SOFTWOOD LUMBER[a] BY SPECIES GROUP, 1970-1985

Year	Spruce	Hemlock	Douglas-fir	Cedar	Jack and lodgepole pines	White pine	Ponderosa red pine	Balsam fir	Yellow cypress	Other	Total softwoods	Total softwoods and hardwoods
A. Quantity (1 000 m^3)												
1970	10 482	4 687	3 943	1 957	1 774	493	96	481	45	841	24 799	25 857
1971	12 978	5 468	4 092	2 318	2 185	568	53	517	19	591	28 789	29 810
1972	15 758	5 551	4 034	2 331	2 571	624	68	562	55	416	31 970	33 167
1973	16 518	6 072	3 707	2 376	3 028	620	83	416	94	417	33 331	34 691
1974	15 520	5 135	3 107	2 131	2 761	553	124	315	76	147	29 869	30 999
1975	13 701	3 549	2 510	1 945	2 409	423	77	263	114	122	25 113	25 917
1976	17 370	5 625	3 214	2 592	2 991	504	101	204	142	142	32 885	33 693
1977	20 700	6 870	3 187	2 535	3 737	541	82	304	92	187	38 235	39 014
1978	21 857	7 093	3 281	2 709	4 818	688	99	337	148	107	41 137	41 980
1979	22 812	6 371	3 535	2 564	5 168	642	86	581	119	131	42 009	42 948
1980	21 654	6 034	2 912	2 594	4 743	570	96	635	104	164	39 515	40 348
1981	21 581	5 091	2 580	2 722	4 759	572	129	779	142	83	38 438	39 180
1982	19 739	4 402	2 237	2 470	3 916	535	283	772	140	67	34 563	35 098
1983	26 377	5 360	2 696	2 976	4 485	631	79	973	181	345	44 104	44 772
1984	31 058	5 370	2 807	3 078	2 185	649	149	560	166	56	46 078	46 802
1985	35 753	5 587	2 753	3 333	2 073	823e	164e	650	217	..	..	x
B. Value ($000 000)												
1970	333	168	146	92	54	26	4	17	3	27	870	925
1971	463	206	173	110	77	30	3	19	2	19	1 102	1 159
1972	735	259	205	142	120	38	4	26	-	22	1 551	1 632
1973	985	402	247	207	168	49	6	27	15	21	2 127	2 227
1974	823	335	203	191	134	48	8	20	15	8	1 785	1 878
1975	694	216	150	158	115	36	5	16	9	9	1 408	1 473
1976	1 007	385	219	272	162	45	9	13	13	9	2 134	2 203
1977	1 381	552	263	332	243	54	7	23	18	16	2 889	2 960
1978	1 810	663	319	436	394	81	10	30	24	9	3 776	3 863
1979	2 123	777	437	542	468	93	11	55	32	12	4 551	4 667
1980	1 831	742	322	420	383	83	11	58	28	16	3 894	4 005
1981	1 749	532	264	412	359	84	15	67	31	8	3 521	3 623
1982	1 475	478	207	388	281	77	26	71	25	6	3 034	3 106
1983	2 360	628	270	577	401	96	11	89	38	34	4 504	4 598
1984	2 735	589	286	588	199	109	20	55	34	5	4 620	4 736
1985	3 228	655	306	616	196	141	23e	62	50	..	..	x

[a]As reported by sawmills and planning mills.

Source: Statistics Canada Cat. No. 35-204 and 35-250.

II - 10. SHIPMENTS OF SOFTWOOD LUMBER[a] BY PROVINCE, 1970-1984

Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
A. Quantity (1 000 m^3)											
1970	46[a]	4	398	594	3 089	1 244	61[a]	222[a]	1 149[a]	18 009	**24 799**
1971	36[a]	3	384	652	3 852	1 445	116[a]	309[a]	1 290[a]	20 693	**28 789**
1972	55[a]	3	384	718	4 563	1 558	153[a]	387[a]	1 444[a]	22 770	**31 970**
1973	45[a]	2	368	628	4 936	1 836	148	456[a]	1 455[a]	23 514	**33 331**
1974	x	-	304	593	4 516	1 794	227[a]	321[a]	1 199[a]	20 920	**29 869**
1975	17	-	289	592	4 333	1 502	146[a]	354[a]	1 017[a]	16 874	**25 113**
1976	9	-	281	686	5 111	1 665	155[a]	347[a]	1 207[a]	23 437	**32 885**
1977	5	-	300	683	6 208	2 062	175[a]	469[a]	1 435[a]	26 920[a]	**38 235**
1978	x	-	334	825	7 088	2 464	191[a]	472[a]	1 466[a]	28 301[a]	**41 137**
1979	21	x	323	978	7 315	2 869	210	450[a]	1 547[a]	28 283[a]	**42 009**
1980	12	x	260	928	7 013	2 833	198	344[a]	1 519	26 399[a]	**39 515**
1981	-	x	253	888	6 947	3 058	215[a]	423[a]	1 783	24 867[a]	**38 438**
1982	x	x	229	584	5 956	2 584	164[a]	387[a]	1 701	22 954[a]	**34 563**
1983	x	x	258	887	7 705	3 141	153[a]	442	2 348	29 167	**44 104**
1984	x	x	273	968	8 117	3 553	135[a]	481	2 683	29 859	**46 078**
B. Value ($000 000)											
1970	2[a]	--	16	23	107	48	2[a]	7[a]	34[a]	632	**870**
1971	2[a]	--	16	27	138	59	4[a]	12[a]	43[a]	801	**1 102**
1972	2[a]	--	19	35	209	80	7[a]	19[a]	66[a]	1 115	**1 551**
1973	3[a]	--	24	44	276	121	9	24[a]	84[a]	1 545	**2 127**
1974	x	-	22	41	250	111	12	15[a]	57[a]	1 277	**1 785**
1975	1	-	22	39	232	91	10[a]	17[a]	49[a]	949	**1 408**
1976	1	-	23	46	302	110	10[a]	19[a]	68[a]	1 556	**2 134**
1977	1	-	26	49	397	155	12[a]	33[a]	95[a]	2 121[a]	**2 889**
1978	x	-	32	69	543	232	16[a]	39[a]	121[a]	2 724[a]	**3 776**
1979	2	x	36	93	645	287	22	39[a]	136[a]	3 289[a]	**4 551**
1980	1	x	32	92	589	263	17	26[a]	112	2 762[a]	**3 894**
1981	-	x	31	84	571	289	18[a]	32[a]	131	2 364[a]	**3 521**
1982	x	x	27	53	470	240	14[a]	27[a]	113	2 089[a]	**3 034**
1983	x	x	34	88	702	329	16[a]	40	201	3 092	**4 504**
1984	x	x	39	95	778	373	15[a]	42	221	3 057	**4 620**

[a]Where softwood lumber figures are not available, the total figure for softwood and hardwood is indicated.

Source: Statistics Canada Cat. No. 35-204.

II - 11. SHIPMENTS OF LUMBER FROM PROVINCE OF ORIGIN TO POINT OF DESTINATION,[a] 1980-1987

Point of destination/ year	Province of origin					
	Quebec	Ontario	Alberta	British Columbia	Other provinces	Canada
				1 000 m^3		
A. Canada						
1980	4 671	1 988	860	6 982	914	15 415
1981	4 282	1 851	1 025	7 799	934	15 891
1982	3 228	1 541	1 011	6 645	847	13 272
1983	4 277	1 977	955	8 103	1 052	16 364
1984	4 726	1 994	2 731	8 837	1 048	19 336
1985	5 255	2 218	2 779	10 149	1 244	21 645
1986	5 786	2 356	2 985	9 600	1 346	22 073
B. United States						
1980	1 655	1 439	762	14 697	495	19 048
1981	2 010	1 622	742	12 215	464	17 053
1982	2 123	x	763	12 149	1 677[c]	16 712
1983	2 720	x	1 034	16 781	2 108[c]	22 643
1984	3 008	1 852	22	17 381	639	22 902
1985	3 149	x	257	18 486	2 795[c]	24 687
1986	3 225	x	171	17 370	2 685[c]	23 451
C. Other countries						
1980	534	9	-	5 034	215	5 792
1981	402	25	-	4 155	216	4 798
1982	417	x	-	4 377	231	5 025
1983	345	x	-	4 354	139	4 838
1984	338	22	-	4 040	161	4 561
1985	116	x	-	3 810	78	4 004
1986	176	x	-	3 822	155	4 153
D. Estimated shipments and adjustments[b]						
1980	692	633	-	914	326	2 565
1981	627	667	-	772	387	2 453
1982	1 052	1 064	-	1 152	258	3 526
1983	1 168	739	-	970	407	3 284
1984	745	1 044	-	607	491	2 887
1985	1 284	1 028	-	777	623	3 712
1986	1 402	938	-	675	373	3 388
E. Total shipments						
1980	**7 551**	**4 071**	**1 622**	**27 628**	**1 948**	**42 820**
1981	**7 321**	**4 166**	**1 768**	**24 941**	**1 998**	**40 194**
1982	**6 821**	**3 945[c]**	**1 774**	**24 323**	**1 672**	**38 535**
1983	**8 510**	**4 303[c]**	**1 989**	**30 208**	**2 119**	**47 129**
1984	**8 817**	**4 913**	**2 753**	**30 864**	**2 339**	**49 686**
1985	**9 803**	**5 390[c]**	**2 882**	**33 221**	**2 599**	**53 895**
1986	**10 590**	**5 367**	**3 156**	**31 467**	**2 485**	**53 065**
1987	**12 202**	**5 508**	**3 587**	**37 628**	**2 991**	**61 916**

[a]Census of manufactures monthly survey.

[b]Sawmills in Nova Scotia producing less than 2 360 m^3, sawmills in New Brunswick, Quebec, Ontario, and Manitoba producing less than 4 720 m^3 per year, and sawmills in British Columbia producing less than 7 080 m^3 per year are excluded from this survey. In Saskatchewan, only the Saskatchewan Timber Board and the few relatively large independent mills are asked to report; Alberta data are produced by Alberta. All other mills are estimated. The total shipments are free of duplication.

[c]Including confidential figures for Ontario.

Source: Statistics Canada Cat. No. 35-002 and 35-003.

II - 12. WOOD PULP PRODUCTION BY CATEGORY, 1950-1987

Year	Dissolving and special alpha, sulphite, and sulphate	Chemical					Semi-chemical	Mechanical		Screenings chemical and mechanical	Pulp other than wood pulp	Total
		Sulphite		Sulphate								
		Bleached	Unbleached	Bleached	Semibleached	Unbleached		Groundwood	Defibrated and exploded			
		1 000 t										
1950	305	386	1 315	408	..[a]	548	..	4 455	..	96	174	**7 688**
1960	356	519	1 559	1 062	257	895	..	5 335	143	66	205	**10 398**
1970	411	683	1 871	3 660	1 084	1 341	296	6 940	259	64	-	**16 610**
1971	388	587	1 706	3 853	1 150	1 467	301	6 718	307	65	-	**16 543**
1972	370	526	1 711	4 391	1 127	1 639	337	6 967	330	55	-	**17 453**
1973	293	507	1 750	5 049	1 097	1 922	349	7 196	345	55	-	**18 564**
1974	333	734	1 865	5 409	1 097	1 942	328	7 589	320	62	-	**19 679**
1975	226	516	1 443	4 219	863	1 314	233	6 007	263	28	-	**15 113**
1976	222	609	1 648	5 265	1 037	1 560	269	7 036	259	41	-	**17 946**
1977	230	636	1 621	5 300	1 039	1 574	263	7 226	243	34	-	**18 168**
1978	341	516	1 787	5 871	1 054	1 942	318	7 910	369	44	-	**20 152**
1979	311	478	1 806	6 282	1 038	2 061	354	7 956	397	45	-	**20 728**
1980	271	463	1 671	6 580	1 185	1 998	345	7 748	384	41	-	**20 687**
1981	274	488	1 769	6 278	1 009	1 921	392	8 085	311	45	-	**20 572**
1982	219	343	1 407	5 955	1 017	1 649	318	7 214	243	38	110	**18 514**
1983	221	307	1 378	6 745	1 053	1 752	367	7 913	260	33	165	**20 195**
1984	228	365	1 432	6 818	966	1 658	408	8 249	129	64	146	**20 464**
1985	212	342	1 317	7 091	1 048	1 479	277	8 234	48	37	89	**20 173**
1986[b]	213	445	1 295	7 670	1 063	1 508	344	8 741	51	45	52	**21 427**
1987[c]	241	454	1 296	8 221	1 169	1 474	353	9 590[d]	..	45	..	**22 843**

[a] Included with sulphate-bleached wood pulp.
[b] Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[c] Canadian Pulp and Paper Association monthly survey.
[d] Including defibrated and exploded.

Source: Statistics Canada Cat. No. 36-204, 36-250 and Canadian Pulp and Paper Association Reference Tables 1987 and Special Compilation.

II - 13. WOOD PULP PRODUCTION BY REGION, 1950-1987

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairie provinces	Canada
			1 000 t			
1950	3 559	2 085	705	1 008	331	7 688
1960	4 055	2 692	1 927	1 430	294	10 398
1970	5 898	3 601	4 100	2 491	520	16 610
1971	5 666	3 447	4 409	2 419	601	16 543
1972	5 893	3 572	4 576	2 766	646	17 453
1973	5 591	3 669	5 337	3 217	750	18 564
1974	6 353	3 877	5 267	3 305	877	19 679
1975	5 198	2 540	3 998	2 560	817	15 113
1976	5 882	3 060	5 320	2 784	902	17 946
1977	5 860	3 662	4 831	2 876	940	18 168
1978	6 632	4 127	5 426	2 941	1 027	20 152
1979	6 869	4 322	5 523	2 956	1 058	20 728
1980	6 356	4 368	5 782	3 188	993	20 687
1981	6 858	4 394	4 995	3 229	1 096	20 572
1982	6 283	3 753	4 938	2 626	914	18 514
1983	6 510	4 217	5 760	2 784	925	20 195
1984	6 371	4 366	5 370	3 326	1 030	20 464
1985	6 030	4 272	6 175	2 770	928	20 173
1986[a]	6 510	4 441	6 509	3 967	..[b]	21 427
1987[c]	7 206	4 372	6 845	4 420	..[b]	22 843

[a]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[b]Included in Atlantic provinces.
[c]Canadian Pulp and Paper Association, monthly survey.

Note: Approximately 76% of the wood pulp is used in production of paper and board in Canada.

Source: Statistics Canada Cat. No. 36-204, 36-250 and Canadian Pulp and Paper Association Reference Tables 1987.

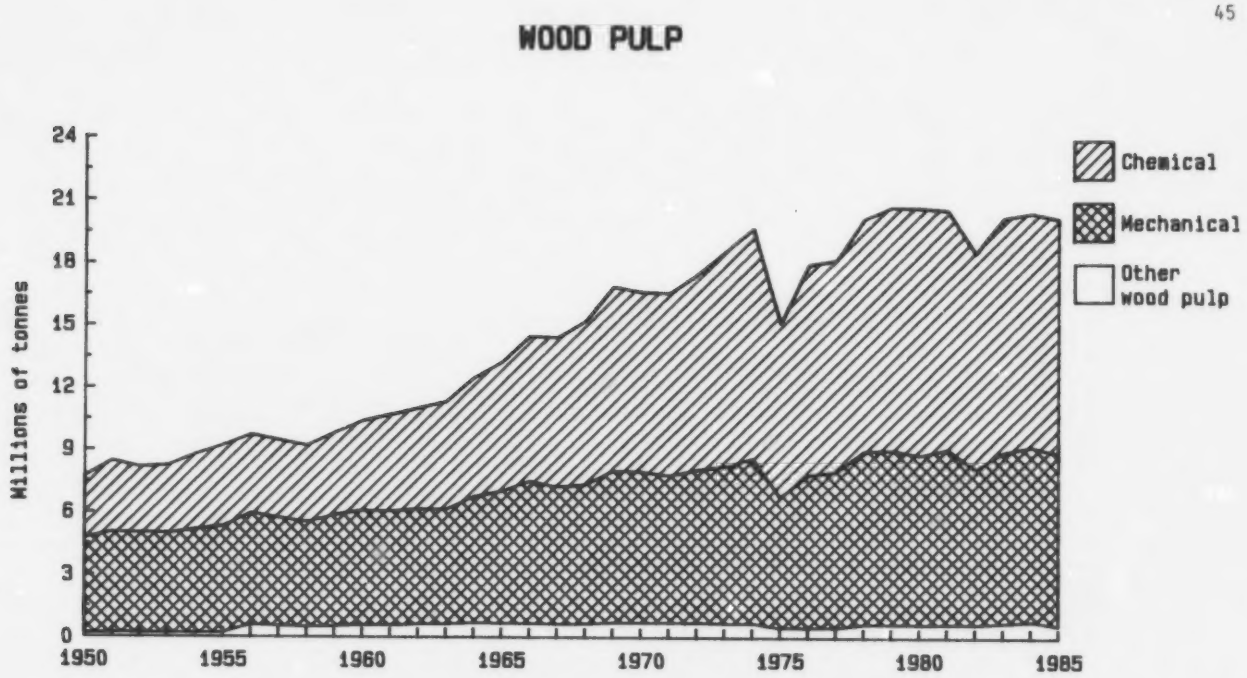

Figure 10. Wood pulp production in Canada, 1950-1985.
Source: Statistics Canada, Cat. No. 36-204.

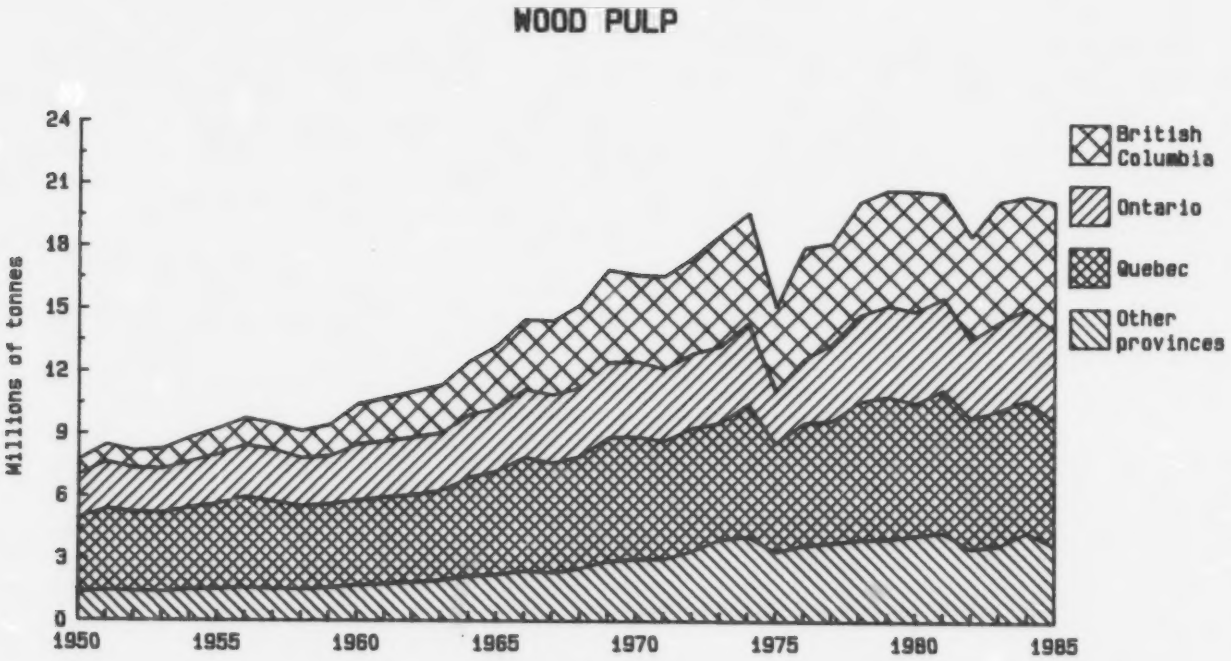

Figure 11. Wood pulp production by region, 1950-1985.
Source: Statistics Canada, Cat. No. 36-204.

II - 14. SHIPMENTS OF WOOD PULP BY CATEGORY, 1960-1987

Year	Dissolving and special alpha	Chemical					Mechanical	Total
		Sulphite		Sulphate				
		Bleached	Unbleached	Bleached	Semibleached	Unbleached		
A. Quantity (1 000 t)								
1960	347	416	226	996	151	347	314	2 798
1970	394	555	238	3 437	706	413	304	6 046
1971	394	460	173	3 418	428	707	243	5 823
1972	369	460	163	4 248	716	481	260	6 698
1973	296	460	208	4 760	696	494	287	7 200
1974	330	679	206	5 013	685	401	288	7 603
1975	210	462	105	3 853	467	329	224	5 650
1976	214	559	132	4 757	552	288	266	6 769
1977	228	596	107	4 879	663	305	288	7 066
1978	324	492	120	5 764	704	293	323	8 021
1979	324	441	133	5 890	645	292	364	8 089
1980	272	400	133	6 132	671	233	325	8 165
1981	266	406	115	5 874	604	245	327	7 836
1982	220	370	82	5 403	513	186	280	7 012
1983	x	353	x[a]	6 377	591	198	477	8 223
1984	x	331	x[a]	6 397	540	165	653	8 372
1985	x	422	x[a]	6 785	630	x	583	8 789
1986[b]	..	..	..	..	..	..	..	9 580
1987[c]	..	..	..	..	..	..	..	9 040
B. Value ($000 000)								
1960	59	61	27	145	17	33	26	369
1970	77	86	32	544	102	52	21	913
1971	77	72	24	532	53	105	16	878
1972	73	69	21	636	102	58	18	976
1973	62	90	38	878	128	82	24	1 301
1974	110	212	64	1 463	198	108	51	2 205
1975	87	161	31	1 392	168	101	43	1 983
1976	85	181	35	1 625	196	85	48	2 255
1977	95	190	29	1 595	231	81	50	2 271
1978	137	154	33	1 785	218	78	57	2 462
1979	158	182	47	2 445	268	103	85	3 288
1980	166	201	56	3 176	349	103	89	4 141
1981	170	206	50	3 057	319	117	86	4 005
1982	144	143	33	2 651	253	86	74	3 384
1983	x	164	x[a]	2 775	254	72	128	3 519
1984	x	156	x[a]	3 410	289	79	201	4 309
1985	x	198	x[a]	3 090	279	x	184	3 964

[a]Unbleached included with bleached.
[b]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[c]Canadian Pulp and Paper Association monthly survey.

Source: Statistics Canada Cat. No. 36-204, 36-250 and Canadian Pulp and Paper Association Reference Tables 1987 and Special Compilation.

II - 15. SHIPMENTS OF WOOD PULP FROM PROVINCE OF ORIGIN TO POINT OF DESTINATION, 1980-1987

Point of destination/ year	Province of origin				
	Quebec	Ontario	British Columbia	Other provinces	Canada
			1 000 t		
A. Canada					
1980	543	341	132	173	1 189
1981	543	372	119	164	1 198
1982	540	330	125	137	1 132
1983	649	404	152	153	1 358
1984	525	439	189	252	1 405
1985	514	492	256	239	1 501
1986	602	488	272	275	1 637
1987	641	459	273	401	1 773
B. United States					
1980	442	948	813	1 230	3 433
1981	460	910	698	1 216	3 284
1982	348	762	672	1 074	2 856
1983	388	951	835	1 115	3 289
1984	416	1 023	764	1 224	3 427
1985	383	921	879	1 227	3 410
1986	428	964	879	1 254	3 525
1987	427	1 006	896	1 253	3 582
C. Other countries					
1980	238	115	2 689	729	3 771
1981	227	135	2 296	698	3 356
1982	190	92	2 140	550	2 972
1983	190	100	2 550	668	3 508
1984	180	86	2 193	814	3 273
1985	186	117	2 592	705	3 600
1986	284	156	2 849	860	4 149
1987	309	161	3 272	739	4 481
D. Total shipments					
1980	1 222	1 405	3 635	2 132	8 393
1981	1 230	1 417	3 113	2 078	7 838
1982	1 078	1 184	2 937	1 761	6 960
1983	1 227	1 455	3 537	1 936	8 155
1984	1 121	1 548	3 146	2 290	8 105
1985	1 083	1 530	3 727	2 171	8 511
1986	1 314	1 608	4 000	2 389	9 311
1987	1 376	1 626	4 441	2 394	9 837

Source: Canadian Pulp and Paper Association monthly survey, Special Compilation.

II - 16. BASIC PAPER AND PAPERBOARD PRODUCTION BY CATEGORY, 1950-1987

Year	Newsprint	Book and writing	Sanitary	Tissue other than sanitary	Wrapping	Building paper	Paper-board	Total
				1 000 t				
1950	4 825	194	59	11	202	83	796	6 180
1960	6 068	366	113	22	292	75	1 159	8 095
1970	7 996	821	199	19	438	101	1 678	11 252
1971	7 733	844	244	18	490	133	1 698	11 161
1972	8 079	881	262	21	542	156	1 941	11 882
1973	8 357	892	271	22	610	149	2 282	12 583
1974	8 710	1 056	302	25	643	143	2 338	13 219
1975	7 010	679	241	17	431	146	1 542	10 066
1976	8 063	842	288	16	526	149	1 908	11 791
1977	8 066	1 116	292	19	556	143	1 944	12 136
1978	8 739	1 377	314	17	628	129	2 171	13 376
1979	8 642	1 606	343	19	617	125	2 290	13 641
1980	8 368	1 636	362	17	544	138	2 319	13 385
1981	8 933	1 599	377	17	523	118	2 388	13 956
1982	7 785	1 721	366	17	466	124	1 982	12 473
1983	8 461	1 767	418[a]	..	471	120	2 229	13 466
1984	8 950	2 001	423[a]	..	476	122	2 387	14 359
1985[b]	8 988	2 484	125	19	516	85	2 326	14 543
1986[b]	9 288	2 795	130	19	575	90	2 551	15 448[c]
1987[d]	9 673	..	..	..	..	..	..	16 051

[a]Including tissue, other than sanitary.
[b]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[c]The total in table II-17 is 15 340t. The difference is in the estimates for newsprint. The figure 9 288t is derived from CPPA's own survey. However, the estimate, equivalent to the CPPA figure, based on Statistics Canada data would be 9 180t.
[d]Canadian Pulp and Paper Association monthly survey.

Source: Statistics Canada Cat. No. 36-204, 25-202 and Canadian Pulp and Paper Association Reference Tables 1987 and Special Compilation.

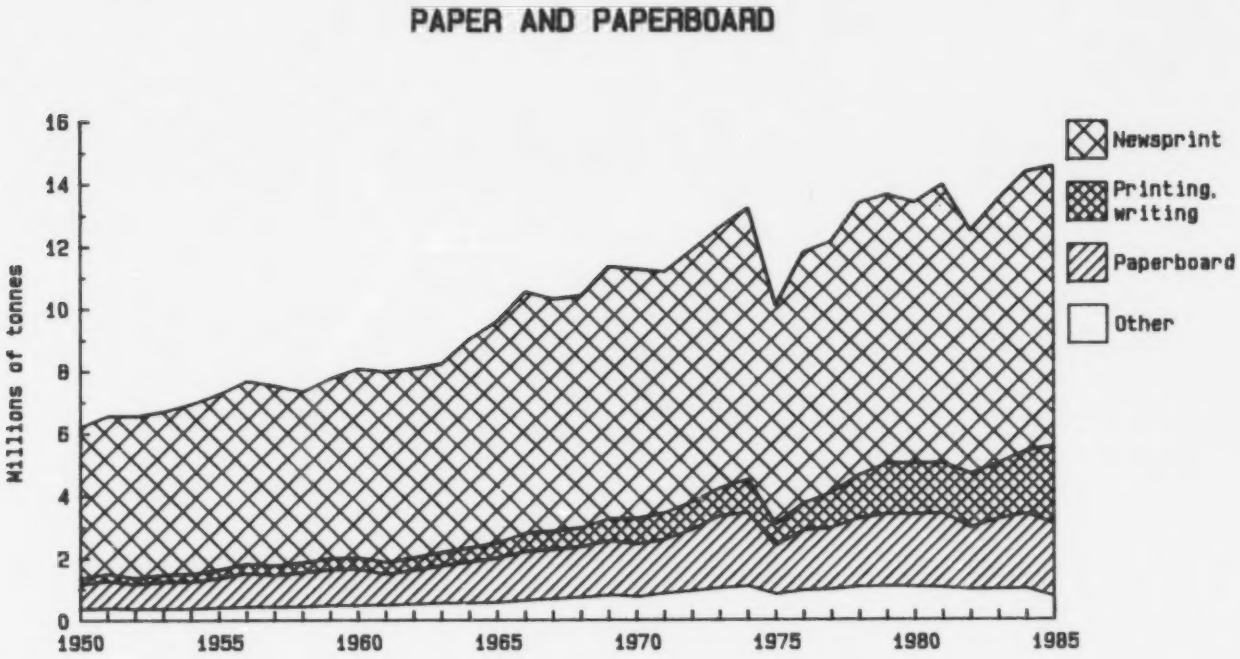

Figure 12. Basic paper and paperboard production in Canada, 1950-1985.

Source: Statistics Canada, Cat. No. 36-204.

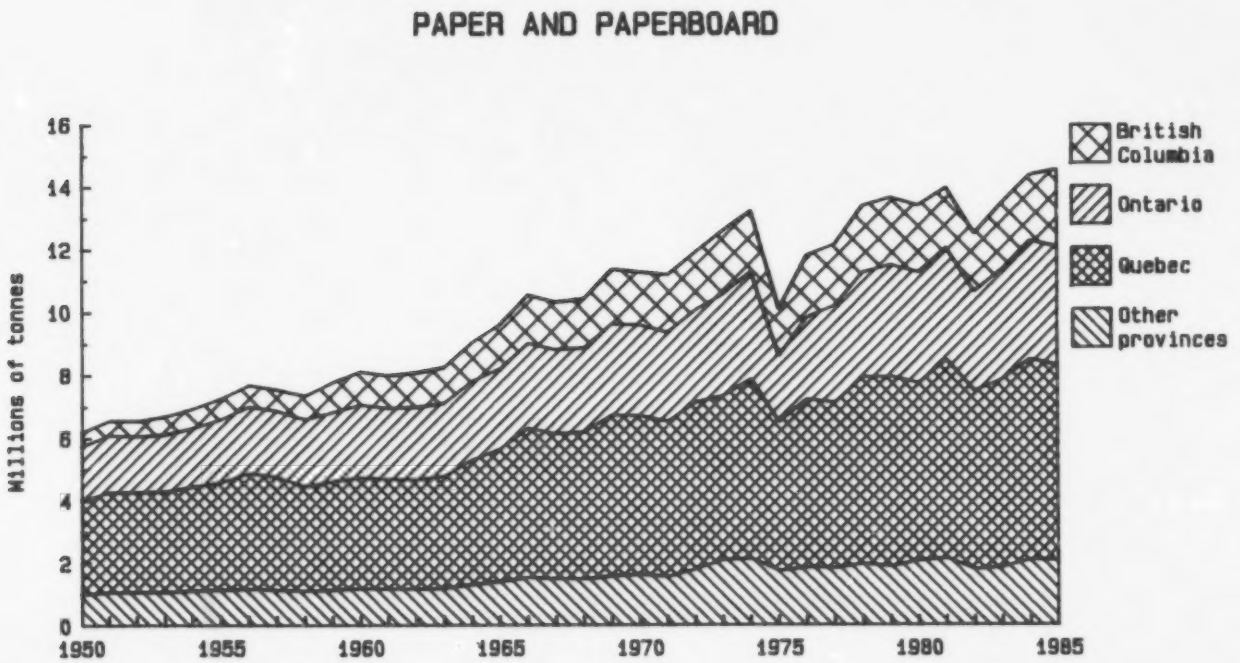

Figure 13. Basic paper and paperboard production by region, 1950-1985.

Source: Statistics Canada, Cat. No. 36-204.

II - 17. BASIC PAPER AND PAPERBOARD PRODUCTION BY CATEGORY AND REGION, 1950-1987

Year	Quebec			Ontario			British Columbia	Other provinces	Canada		
	Newsprint	Other paper and paperboard	Total	Newsprint	Other paper and paperboard	Total	Total paper and paperboard	Total paper and paperboard	Newsprint	Total paper and paperboard	Total
						1 000 t					
1950	2 510	499	3 009	1 125	602	1 727	452	993	4 826	1 355	6 180
1960	2 863	680	3 543	1 459	855	2 313	1 043	1 195	6 068	2 027	8 095
1970	3 766	1 298	5 064	1 686	1 198	2 883	1 675	1 631	7 996	3 256	11 252
1971	3 609	1 348	4 957	1 609	1 220	2 830	1 826	1 545	7 733	3 428	11 161
1972	3 793	1 529	5 322	1 625	1 310	2 935	1 834	1 791	8 079	3 803	11 882
1973	3 671	1 559	5 230	1 769	1 464	3 233	2 029	2 093	8 357	4 226	12 583
1974	4 079	1 657	5 736	1 778	1 626	3 404	1 952	2 128	8 710	4 508	13 219
1975	3 529	1 236	4 765	1 140	959	2 099	1 477	1 725	7 010	3 056	10 066
1976	3 931	1 447	5 378	1 411	1 181	2 592	1 977	1 844	8 063	3 728	11 791
1977	3 726	1 560	5 286	1 610	1 476	3 086	1 952	1 813	8 066	4 070	12 136
1978	4 124	1 830	5 954	1 663	1 654	3 317	2 137	1 967	8 739	4 637	13 376
1979	4 075	1 996	6 071	1 743	1 810	3 553	2 154	1 863	8 642	4 999	13 641
1980	3 800	1 853	5 653	1 734	1 788	3 522	2 147	2 063	8 368	5 017	13 385
1981	4 452	1 880	6 332	1 742	1 820	3 562	1 926	2 136	8 933	5 023	13 956
1982	3 910	1 792	5 702	1 416	1 737	3 153	1 858	1 764	7 785	4 688	12 473
1983	4 156	1 839	5 995	1 576	1 924	3 500	2 126	1 845	8 461	5 005	13 466
1984	4 200	2 192	6 392	1 812	1 966	3 778	2 099	2 090	8 950	5 409	14 359
1985[a]	..	..	6 208	..	..	3 776	2 484	2 066	..	..	14 534
1986[a]	..	..	6 600	..	..	3 930	2 600	2 210	..	..	15 340
1987[b]	4 487	2 306	6 793	1 840	2 295	4 135	2 753	2 369	9 673	6 378	16 051

[a]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[b]Canadian Pulp and Paper Association monthly survey.

Source: Statistics Canada Cat. No. 25-202, 36-204 and Canadian Pulp and Paper Association Reference Tables 1987 and Special Compilation.

II - 18. SHIPMENTS OF BASIC PAPER AND PAPERBOARD BY CATEGORY, 1960-1987

Year	Newsprint	Book and writing paper	Sanitary	Tissue other than sanitary	Wrapping	Building paper	Paperboard	Total
A. Quantity (1 000 t)								
1960	6 146	363	37	13	273	75	877	7 785
1970	7 951	798	93	14	439	98	1 600	10 994
1971	7 639	822	86	15	492	132	1 646	10 831
1972	8 130	863	102	16	537	155	1 853	11 655
1973	8 373	891	105	18	616	147	2 062	12 214
1974	8 761	1 032	116	20	636	145	2 142	12 853
1975	7 046	680	87	12	422	141	1 504	9 892
1976	7 953	818	98	12	518	152	1 791	11 341
1977	8 111	1 085	108	15	546	140	1 874	11 880
1978	8 773	1 352	116	16	637	129	2 145	13 167
1979	8 667	1 573	137	17	606	125	2 208	13 333
1980	8 419	1 617	133	16	538	151	2 267	13 140
1981	8 836	1 582	138	16	516	125	2 305	13 519
1982	7 740	1 684	129	15	448	120	1 926	12 062
1983	8 440	1 712	122	17	464	120	2 169	13 044
1984	8 992	1 974	163	..	467[a]	122	2 348	14 066
1985	8 713	2 433	125	..	516	130	2 321	14 238
1986[b]	8 975	2 750	128[c]	..	575	130	2 510	15 068
1987[d]	9 757	..	..	..	..	..	..	16 142
B. Value ($000 000)								
1960	793	106	9	5	66	8	140	1 128
1970	1 107	238	26	7	102	9	269	1 757
1971	1 083	242	26	7	115	10	268	1 752
1972	1 177	262	30	8	124	12	313	1 925
1973	1 339	321	32	10	158	13	378	2 252
1974	1 855	496	51	15	242	17	550	3 226
1975	1 847	346	47	10	180	19	412	2 861
1976	2 180	404	62	10	204	21	503	3 383
1977	2 570	559	70	12	210	23	519	3 965
1978	3 004	729	75	13	270	24	615	4 730
1979	3 336	974	89	16	316	26	734	5 491
1980	3 723	1 133	111	17	327	38	856	6 205
1981	4 386	1 205	133	19	327	36	959	7 065
1982	4 057	1 337	138	19	305	33	850	6 740
1983	4 156	1 364	119	21	306	31	966	6 962
1984	4 821	1 711	134	..	340[a]	33	1 156	8 194

[a]Tissue paper, other than sanitary, included with wrapping.
[b]Canadian Pulp and Paper Association estimates based on Statistics Canada data.
[c]Including tissue other than sanitary.
[d]Canadian Pulp and Paper Association monthly survey.

Source: Statistics Canada Cat. No. 36-204, 36-250 and Canadian Pulp and Paper Association Reference Tables 1987 and Special Compilation.

II - 19. SHIPMENTS OF NEWSPRINT FROM PROVINCE OF ORIGIN TO POINT OF DESTINATION, 1980-1987

Point of destination/ year	Province of origin				
	Quebec	Ontario	British Columbia	Other provinces	Canada
			1 000 t		
A. Canada					
1980	523	161	189	108	980
1981	571	192	178	105	1 046
1982	521	141	189	83	934
1983	531	158	174	107	970
1984	608	169	143	150	1 070
1985	580	181	169	102	1 032
1986	615	208	188	110	1 121
1987	682	213	177	111	1 183
B. United States					
1980	2 793	1 589	909	826	6 118
1981	2 991	1 570	780	717	6 058
1982	2 900	1 325	788	582	5 595
1983	3 051	1 470	932	580	6 033
1984	3 212	1 638	892	843	6 585
1985	3 182	1 564	1 005	923	6 674
1986	3 237	1 553	1 024	920	6 734
1987	3 396	1 631	1 078	982	7 087
C. Other countries					
1980	585	9	225	705	1 524
1981	718	10	206	875	1 809
1982	615	16	188	706	1 525
1983	493	1	209	734	1 437
1984	420	-	224	719	1 363
1985	335	-	290	665	1 290
1986	439	6	292	709	1 446
1987	454	--	342	691	1 487
D. Total shipments					
1980	3 900	1 759	1 323	1 639	8 622
1981	4 280	1 772	1 164	1 697	8 913
1982	4 036	1 482	1 165	1 371	8 054
1983	4 075	1 629	1 315	1 421	8 440
1984	4 240	1 807	1 259	1 712	9 018
1985	4 097	1 745	1 464	1 690	8 996
1986	4 291	1 767	1 504	1 739	9 301
1987	4 532	1 844	1 598	1 784	9 757

Source: Canadian Pulp and Paper Association monthly survey, Special Compilation.

II - 20. SHIPMENTS OF OTHER PAPER AND PAPERBOARD FROM PROVINCE OF ORIGIN TO POINT OF DESTINATION, 1980-1987

Point of destination/ year	Province of origin				
	Quebec	Ontario	British Columbia	Other provinces	Canada
			1 000 t		
A. Canada					
1980	1 401	1 326	376	220	3 323
1981	1 427	1 329	356	213	3 325
1982	1 210	1 257	302	198	2 967
1983	1 314	1 379	319	194	3 206
1984	1 408	1 468	319	202	3 397
1985	1 456	1 506	363	176	3 501
1986	1 529	1 565	422	214	3 730
1987	1 481	1 677	430	221	3 809
B. United States					
1980	374	376	37	80	867
1981	356	390	26	23	795
1982	383	356	54	15	808
1983	475	428	110	26	1 039
1984	626	453	124	17	1 220
1985	621	485	224	32	1 362
1986	751	562	264	83	1 660
1987	747	620	321	254	1 942
C. Other countries					
1980	117	58	421	71	667
1981	82	31	318	98	529
1982	54	35	348	100	537
1983	86	20	383	124	613
1984	75	22	363	119	579
1985	51	22	447	75	595
1986	68	22	441	108	639
1987	75	20	414	124	634
D. Total shipments					
1980	1 892	1 760	834	371	4 857
1981	1 865	1 750	700	334	4 649
1982	1 647	1 648	704	313	4 312
1983	1 875	1 827	812	344	4 858
1984	2 109	1 943	806	338	5 196
1985	2 128	2 013	1 034	283	5 458
1986	2 348	2 149	1 127	405	6 029
1987	2 304	2 317	1 165	600	6 385

Source: Canadian Pulp and Paper Association monthly survey, Special Compilation.

II - 21. SHIPMENTS OF SELECTED WOOD-BASED PANEL PRODUCTS, 1970-1987

Year	Veneer[a]			Plywood[a]			Other wood-based panels		
	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Waferboard	Particleboard	Hardboard
A. Quantity (1 000 m^3)									
1970	470	134	604	1 664	191	1 855	..	256[b]	171
1972	596	151	747	1 996	226	2 222	..	475[b]	217
1973	607	139	746	2 149	250	2 399	..	565[b]	253
1974	489	118	607	1 842	218	2 060	..	507[b]	222
1975	506	99	605	1 979	180	2 159	..	564[b]	194
1976	651	111	762	2 134	190	2 324	285	474	191
1977	750	127	877	2 359	194	2 553	384	514	172
1978	678	164	842	2 576	217	2 793	457	617	198
1979	634	x	x	2 379	x	x	528	703	193
1980	638	x	x	2 248	x	x	577	724	226
1981	616	x	x	1 978	198	2 176	665	697	163
1982	473	x	x	1 646	163	1 809	536	574	118
1983	701	x	x	x	..	2 057	851	706	162
1984	..	..	..	..	..	1 845	1 183	823	144
1985	..	..	..	..	..	1 970	1 331	1 029	151
1986	..	..	..	..	..	1 888	1 356	1 115	136
1987	..	..	..	..	..	2 223	1 589	1 310	140
B. Value ($000 000)									
1970	17	31	48	150	31	181	..	18[b]	..
1972	31	39	70	241	43	284	..	38[b]	..
1973	37	45	82	290	59	349	..	55[b]	..
1974	32	44	76	262	58	320	..	54[b]	..
1975	30	36	66	280	50	330	..	54[b]	..
1976	43	43	86	364	59	423	38	41	..
1977	49	48	97	406	66	472	54	52	..
1978	61	79	139	536	82	618	73	77	..
1979	64	x	x	545	x	x	89	87	..
1980	68	x	x	493	x	x	80	106	..
1981	67	x	x	492	91	583	103	117	..
1982	51	x	x	350	73	423	77	96	..
1983	67	x	x	x	98	x	129	123	..
1984	..	..	..	..	..	..	185	152	..
1985	..	..	..	..	..	..	241	193	..
1986	..	..	..	..	..	..	255	229	..
1987	..	..	..	..	..	..	278	277	..

[a]Annual survey 1970-1983, monthly survey 1984-1987.
[b]Including waferboard.

Source: Statistics Canada Cat. No. 25-202, 35-001, 36-001 and 36-003.

II - 22. SHIPMENTS (VALUE) OF GOODS OF OWN MANUFACTURE FOR SELECTED WOOD INDUSTRIES FROM PROVINCE OF ORIGIN TO FIRST POINT OF DESTINATION, 1984

Province of origin	Destination of shipments[a]												
	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Directly exported	Total
							$000 000							
. Wood industries														
fld.	25	..	..	..	25	..	..	..	..	..	..	..	..	25
.E.I.	x	x	x	x	x	..	x	..	..	..	..	..	..	10
.S.	x	x	x	x	x	x	x	x	x	x	x	..	x	118
.B.	x	x	x	x	186	x	x	x	x	x	x	x	x	284
tlantic rovinces	38	x	x	166	321	19	32	x	x	x	x	x	63	438
ue.	12	x	x	19	46	1 558	276	x	x	x	x	x	487	2 387
nt.	x	x	x	x	19	109	1 226	13	x	x	x	x	407	1 796
an.	..	..	..	..	..	x	x	93	x	x	122	1	x	135
ask.	..	..	x	..	x	x	x	x	x	x	63	..	x	110
lta.	x	x	2	x	x	x	29	x	x	270	304	39	148	539
rairies	x	x	x	x	5	20	53	133	71	284	489	39	176	784
.C.	6	3	14	10	33	124	301	61	x	172	292	1 323	2 496	4 569
anada	59	21	144	200	424	1 830	1 888	213	x	473	828	1 374	3 629	9 973
. Shingle and shake industry														
.B.	..	x	x	x	x	..	..	..	..	..	..	..	x	5
ue.	..	..	..	x	x	x	x	..	..	..	..	..	x	10
.C.	x	x	1	x	x	x	x	x	x	x	x	35	86	124
anada	x	x	x	3	x	4	1	x	x	x	x	35	95	139
. Sawmill and planing mill products industry														
fld.	9	..	..	..	9	..	..	..	..	..	..	..	..	9
.E.I.	..	2	..	..	2	..	..	..	..	..	..	..	..	2
.S.	x	x	x	1	54	x	x	..	..	..	..	..	x	60
.B.	x	x	x	119	132	x	x	..	..	x	x	..	x	185
tlantic rovinces	x	x	x	119	196	x	x	..	..	x	x	..	49	257
ue.	x	x	x	7	x	799	164	x	..	x	x	x	344	1 329
nt.	..	..	x	..	x	x	419	x	x	x	x	x	215	669
an.	..	..	..	..	..	..	x	x	x	..	x	..	x	24
ask.	..	..	..	..	..	..	x	x	x	x	x	..	x	52
lta.	..	..	..	..	..	x	x	16	x	x	124	x	116	269
rairies	..	..	..	..	..	x	x	52	19	104	175	x	139	345
.C.	2	x	5	4	x	x	207	38	x	x	152	x	2 268	3 666
anada	23	6	66	130	226	892	807	95	x	184	332	992	3 016	6 265

arge establishments and head offices classified in the Census of manufactures universe were asked to report the irst destination to which goods were shipped.

ource: Statistics Canada Cat. No. 31-530, Census of manufactures.

II - 23. SHIPMENTS (VALUE) OF GOODS OF OWN MANUFACTURE FOR SELECTED PAPER AND ALLIED INDUSTRIES FROM PROVINCE OF ORIGIN TO FIRST POINT OF DESTINATION, 1984

Province of origin	Destination of shipments[a]												
	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Directly exported	Total
							$000 000							
A. Paper and allied products industries														
Nfld.	x	x	x	x	16	..	x	..	..	..	..	x	x	x
N.S.	x	x	x	x	61	32	x	x	x	x	x	x	x	434
N.B.	x	x	x	83	101	38	x	x	..	x	x	x	800	1 000
Atlantic provinces	x	x	x	x	178	70	190	x	x	4	x	x	1 304	x
Que.	24	x	x	70	133	1 721	1 032	x	x	31	x	x	2 883	5 864
Ont.	x	x	x	x	135	665	2 782	87	x	119	235	85	1 950	5 852
Man.	x	x	x	x	x	x	30	88	x	x	115	x	x	249
Sask.	..	..	..	..	..	x	x	x	x	x	16	x	x	x
Alta.	..	..	x	..	x	x	x	x	x	128	164	x	x	452
Prairies	x	x	x	x	--	44	42	105	49	142	296	x	458	x
B.C.	x	x	x	x	4	5	18	x	22	134	174	489	2 455	3 145
Canada	**109**	**17**	**129**	**194**	**449**	**2 506**	**4 063**	**236**	**113**	**429**	**779**	**625**	**9 050**	**17 472**
B. Pulp industry														
N.S.	..	..	..	x	x	x	x	..	..	..	..	..	x	x
N.B.	..	..	x	x	x	x	x	..	..	..	..	..	420	508
Atlantic provinces	..	..	x	x	x	x	x	..	..	..	..	..	420	x
Que.	..	..	..	22	22	147	45	..	..	..	..	..	270	484
Ont.	x	..	..	..	x	x	194	x	..	x	x	x	387	705
Sask.	..	..	..	..	..	x	x	..	..	..	..	..	x	x
Alta.	..	..	..	..	..	..	..	x	..	x	x	..	x	x
Prairies	..	..	..	..	..	x	x	x	..	x	x	..	369	x
B.C.	..	..	..	x	x	x	..	..	..	x	x	x	1 400	1 536
Canada	**x**	**..**	**x**	**x**	**67**	**306**	**379**	**x**	**..**	**x**	**10**	**133**	**2 846**	**3 740**
C. Newsprint industry														
Nfld.	x	..	..	..	x	..	x	..	..	..	..	..	x	x
N.S.	..	x	x	x	x	x	x	..	..	..	..	..	x	x
N.B.	..	..	x	x	x	x	x	..	..	x	x	..	x	x
Atlantic provinces	x	x	x	10	x	x	x	..	..	x	x	..	x	x
Que.	..	..	..	x	x	228	270	x	x	6	x	x	2 282	2 797
Ont.	x	x	x	x	x	x	x	x	x	x	x	x	1 259	1 436
Man.	..	..	..	..	..	..	x	x	x	x	x	x	x	x
Prairies	..	..	..	..	..	..	..	x	x	x	x	x	x	x
B.C.	..	..	..	..	..	..	..	x	x	37	43	69	913	1 025
Canada	**x**	**x**	**x**	**14**	**81**	**258**	**374**	**x**	**x**	**53**	**100**	**75**	**5 303**	**6 191**

[a] Large establishments and head offices classified in the Census of manufactures universe were asked to report the first destination to which goods were shipped.

Source: Statistics Canada Cat. No. 31-530, Census of manufactures.

SECTION III

COMMODITY TRADE

Exports

Export documents collected by Canada Customs are the basic source of export statistics, except for data on electricity, crude petroleum, and natural gas exported by pipeline.

Provincial Detail: Prior to the 1984 data year, export statistics by province of lading indicated the province in which the goods were first loaded aboard a carrier for export (province of lading). In certain cases this might differ from the province of origin, which is defined as the province in which the goods were grown, extracted, or manufactured.

Commencing with 1984 data, Statistics Canada and Revenue Canada, Customs and Excise have required export shipments to be reported by province of origin. It is understood that there are some problems effecting this change as many exporters are unable to report by province of origin. Therefore, statistics since 1984 should be considered only as transitional.

Country and area of destination: Exports are classified according to the country to which they are consigned at the time the goods leave Canada, i.e., to the farthest known destination. (Many primary products are shipped to transhipment points, particularly in Europe, for re-export to the ultimate destination which is unknown when the goods leave Canada.)

Imports

Import documents collected by Canada Customs are the basic source of import statistics, except for data on imports of electricity, which are reported by the importing firms directly to Statistics Canada.

Provincial detail: Import statistics by province of clearance indicate the province in which the goods were cleared by customs either for immediate consumption or for entry into a bonded customs warehouse; this may not always coincide with the province in which the goods are consumed or enter the productive process.

Country and area of consignment: Imports are credited to the country from which goods are consigned to Canada, except for goods originating in Central and South America but consigned to Canada via the United States. The principal trade areas shown in some tables are defined in section X.B, "User's guide - Trade area groupings."

Commodity Classification

Export commodities are classified accordng to the "Export Commodity Classification (XCC)," catalogue 12-502. Import commodities are classified according to the "Canadian International Trade Classification," catalogue 65-502. These classifications were revised using new reference manuals in effect January 1, 1986.

III - 1. BALANCE OF TRADE BY MAJOR COMMODITY GROUP, 1985-1986

Commodity	1985 Exports[a] (+)	1985 Imports (-)	1985 Net flow	1986 Exports[a] (+)	1986 Imports (-)	1986 Net flow
			$000 000			
A. Forest products	**16 305**	**2 034**	**+14 271**	**17 978**	**2 399**	**+15 579**
Lumber - Total	4 630	281	+ 4 349	5 002	360	+ 4 642
- Softwoods	4 524	112	+ 4 412	4 863	143	+ 4 720
Plywood, veneer	249	79	+ 170	240	112	+ 128
Particleboard and wood building board	201	-	+ 201	182	-	+ 182
Wood pulp	3 411	132	+ 3 279	4 072	138	+ 3 934
Newsprint	5 412	-	+ 5 412	5 667	-	+ 5 667
Other paper and paperboard	1 486	1 142	+ 344	1 799	1 311	+ 488
Pulpwood	8	17	- 9	12	28	- 16
Wood chips	83	9	+ 74	78	24	+ 54
Other crude wood materials	203	156	+ 47	227	174	+ 53
Other forest products	622	219	+ 403	697	252	+ 445
B. Farm products	**7 891**	**5 415**	**+ 2 476**	**7 527**	**6 087**	**+ 1 440**
Live animals	468	109	+ 359	350	159	+ 191
Food, feed, beverages, and tobacco	7 424	5 306	+ 2 118	7 177	5 928	+ 1 249
C. Fish products	**1 849**	**494**	**+ 1 355**	**2 423**	**613**	**+ 1 810**
D. Energy	**17 586**	**5 502**	**+12 084**	**12 138**	**4 608**	**+ 7 530**
Coal and other crude bituminous	2 010	888	+ 1 122	1 851	746	+ 1 105
Crude petroleum	5 972	3 695	+ 2 277	3 774	2 885	+ 889
Petroleum and coal products	3 343	831	+ 2 512	2 108	889	+ 1 219
Natural gas	4 011	--	+ 4 011	2 483	--	+ 2 483
Uranium and radioactive elements and isotopes	825	-	+ 825	842	-	+ 842
Electricity and parts	1 425	87	+ 1 338	1 080	88	+ 992
E. Metals and minerals	**16 330**	**9 324**	**+ 7 006**	**17 671**	**10 088**	**+ 7 583**
Metal ores, concentrates, and scrap	3 312	1 659	+ 1 653	3 324	1 957	+ 1 367
Iron and steel	2 391	2 008	+ 383	2 426	1 840	+ 586
Nonferrous metals	5 985	2 601	+ 3 384	7 396	3 074	+ 4 322
Other metals and minerals	4 641	3 056	+ 1 585	4 525	3 217	+ 1 308
F. Other products	**59 115**	**79 958**	**-20 843**	**62 441**	**87 137**	**-24 696**
Chemicals and fertilizers - minerals	2 832	1 550	+ 1 282	2 711	1 653	+ 1 058
Chemicals and fertilizers-non minerals	2 131	3 894	- 1 763	2 194	4 186	- 1 992
Textiles	316	1 886	- 1 570	396	2 105	- 1 709
Machinery	3 917	8 644	- 4 727	4 265	9 962	- 5 697
Transportation and automative products	37 553	36 595	+ 958	39 957	39 144	+ 813
Other products	12 366	27 389	-15 023	12 919	30 088	-17 169
Special trade transactions	**398**	**1 629**	**- 1 231**	**343**	**1 747**	**- 1 404**
G. Total	**119 475**	**104 355**	**+15 120**	**120 521**	**112 678**	**+ 7 843**

[a]Including re-exports.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

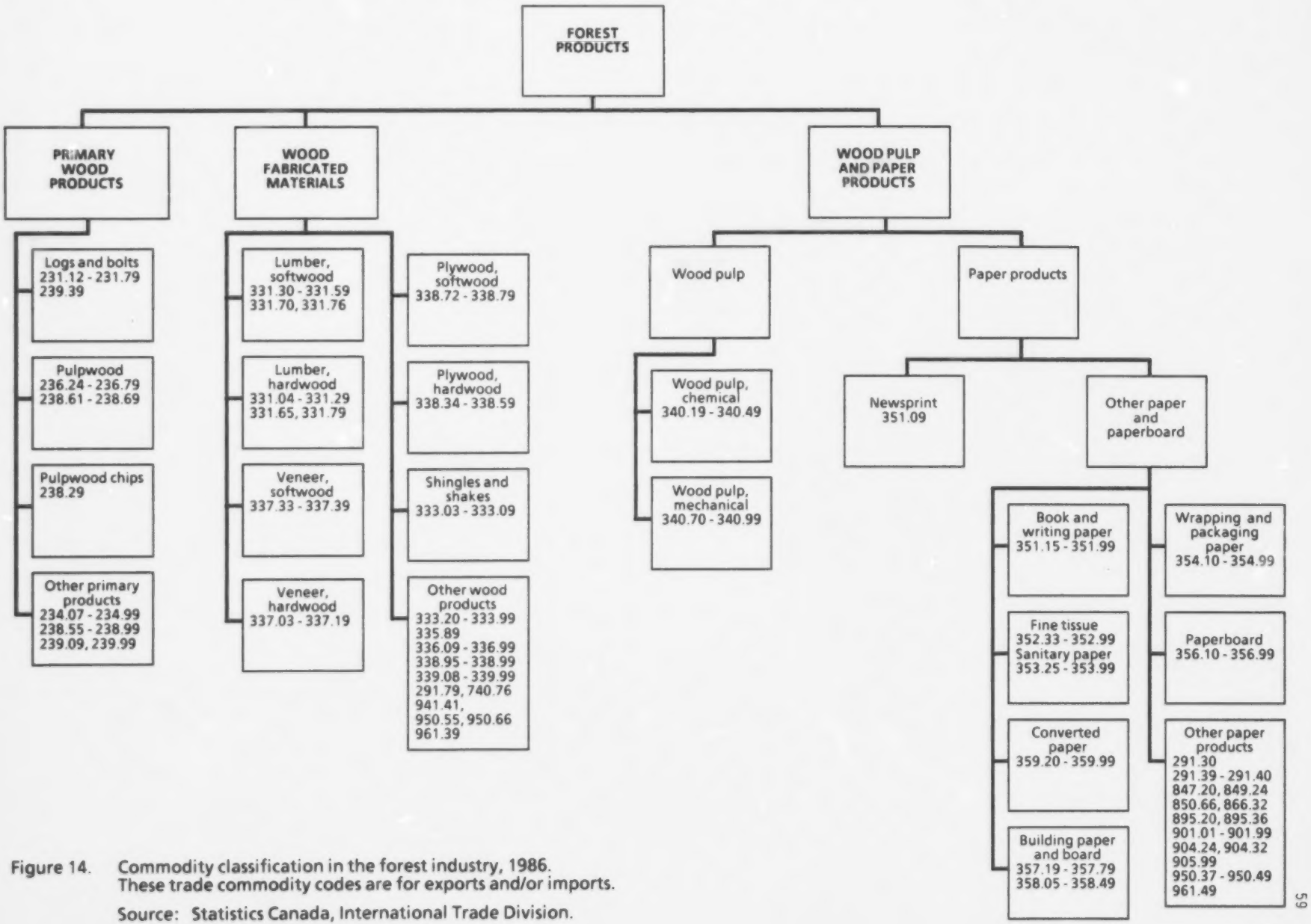

Figure 14. Commodity classification in the forest industry, 1986. These trade commodity codes are for exports and/or imports.

Source: Statistics Canada, International Trade Division.

III - 2. CANADIAN EXPORTS[a] (VALUE) BY COMMODITY GROUP, 1970-1987

Year	Forest products							Agriculture		Chemicals and fertilizers		Energy		Mines	Other products	Total	Re-exports[a]
	Lumber				Other paper, paper-board	Other forest products	Total	Farm products[b]	Fish products	Minerals	Other	Minerals[c]	Electricity	Other metals and minerals[d]			
	Soft-woods	Total	Wood pulp	News-print													
	$000 000																
1970	638	664	785	1 110	166	230	**2 955**	1 616	252	335	181	1 007	34	4 055	5 966	**16 401**	419
1971	799	830	798	1 084	173	227	**3 112**	1 838	274	373	156	1 276	48	3 642	6 678	**17 397**	423
1972	1 128	1 174	830	1 158	222	262	**3 646**	2 018	337	389	156	1 701	68	3 698	7 657	**19 671**	479
1973	1 559	1 599	1 082	1 288	286	323	**4 578**	2 677	480	477	194	2 403	109	4 780	9 140	**24 838**	583
1974	1 254	1 290	1 889	1 726	424	297	**5 626**	3 459	411	678	258	4 944	175	6 073	10 050	**31 675**	767
1975	949	973	1 834	1 746	304	270	**5 127**	3 700	447	683	265	5 405	104	5 612	11 205	**32 548**	780
1976	1 611	1 649	2 186	2 003	375	362	**6 575**	3 710	585	868	332	5 279	162	6 626	13 513	**37 650**	825
1977	2 339	2 387	2 158	2 382	468	532	**7 927**	3 816	792	1 066	512	5 315	377	7 601	16 278	**43 684**	870
1978	3 158	3 229	2 181	2 886	616	717	**9 629**	4 200	1 102	1 248	652	6 196	479	8 620	20 134	**52 260**	923
1979	3 821	3 901	3 083	3 222	824	860	**11 890**	5 024	1 290	1 864	855	8 995	729	11 247	22 424	**64 317**	1 324
1980	3 263	3 352	3 873	3 684	1 012	898	**12 819**	7 012	1 251	2 384	1 046	10 997	773	15 298	22 867	**74 446**	1 713
1981	2 913	2 989	3 819	4 326	983	858	**12 975**	7 958	1 483	2 704	1 240	11 514	1 123	14 892	27 447	**81 336**	2 475
1982	2 847	2 913	3 221	4 086	1 028	853	**12 101**	8 639	1 583	2 368	1 234	12 083	1 120	12 563	30 134	**81 825**	2 705
1983	3 896	3 965	3 049	3 956	1 142	1 106	**13 218**	8 865	1 544	2 557	1 447	11 862	1 228	12 711	34 723	**88 155**	2 458
1984	4 182	4 257	3 906	4 784	1 417	1 370	**15 734**	9 257	1 576	3 019	1 766	14 245	1 378	15 727	46 736	**109 437**	2 947
1985	4 523	4 595	3 405	5 412	1 472	1 359	**16 242**	7 830	1 827	2 809	2 076	16 158	1 425	16 168	51 611	**116 145**	3 329
1986	4 862	4 950	4 072	5 667	1 782	1 427	**17 898**	7 462	2 397	2 684	2 151	11 047	1 080	17 500	54 369	**116 588**	3 933
1987e	5 745	5 859	5 473	6 029	2 237	1 643	**21 241**	..	..	..	..	..	..	..	..	**121 462**	3 624

[a]Re-exports shown separately.
[b]Farm products: Food, feed, and beverages, including live animals and tobacco.
[c]Energy-minerals: coal and other crude bitumen substances, crude petroleum, natural gas, petroleum and coal products, uranium and radioactive elements and isotopes.
[d]Other metals and minerals: metal ores, concentrates and scrap, iron and steel, non-ferrous metal, metal-fabricated basic products, unmanufactured asbestos, sulphur and other crude non-metallic minerals.

Source: Statistics Canada Cat. No. 65-202.

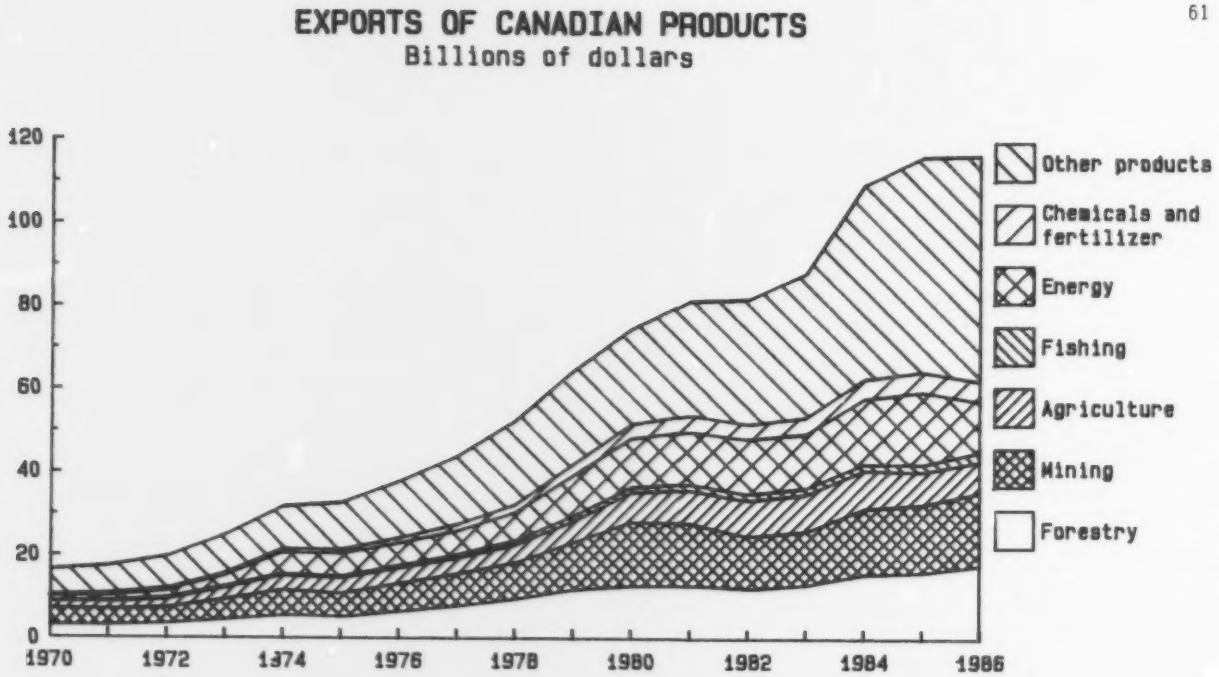

Figure 15. Exports of Canadian products by commodity group, 1970-1986.

Source: Statistics Canada, Cat No. 65-202 and special compilation.

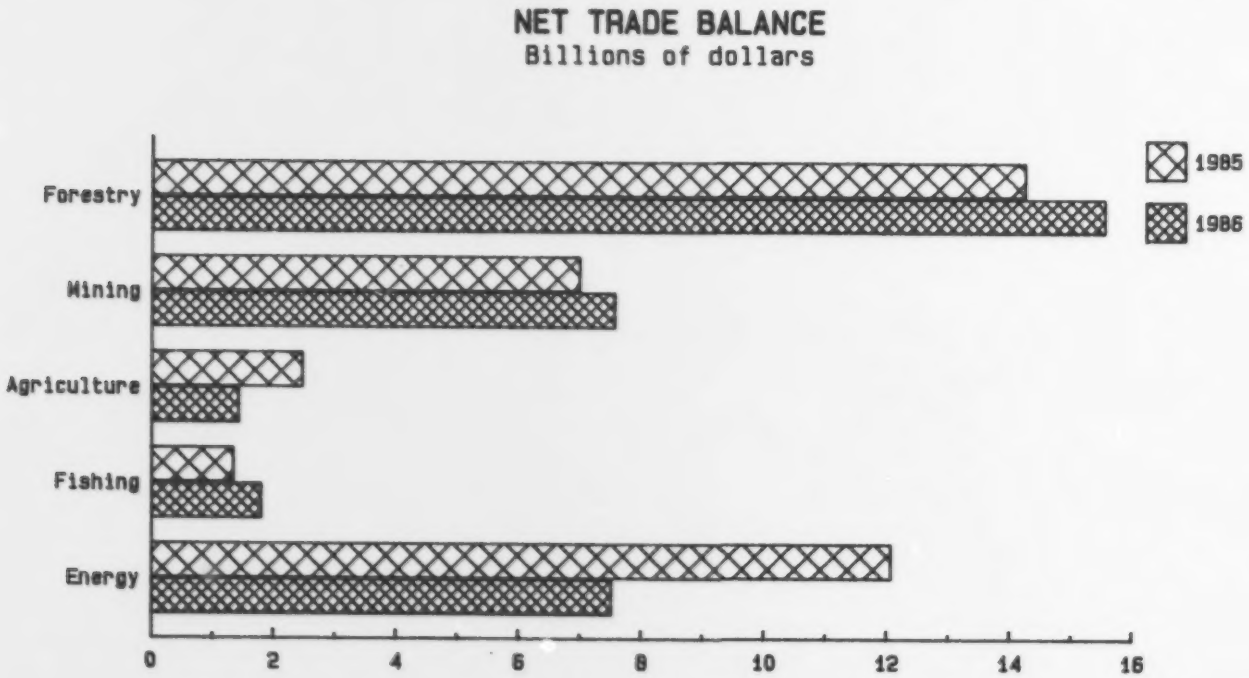

Figure 16. Contribution to net trade balance by commodity group, 1985-1986.

Source: Statistics Canada, Cat. No. 65-202 and special compilation.

III - 3. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY PROVINCE OR REGION OF LADING 1970-1983 AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1984-1986

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Yukon and N.W.T.	Canada
							$000 000							
A. Province or region of lading														
1970	90	1	74	183	348	781	515	13	29	50	92	1 220	--	2 955
1971	76	--	80	199	355	779	498	16	32	53	101	1 379	--	3 112
1972	86	--	88	235	409	839	548	28	40	73	141	1 708	--	3 646
1973	119	1	116	300	536	906	662	36	51	92	179	2 294	--	4 578
1974	180	1	171	450	802	1 210	857	42	58	145	245	2 511	--	5 626
1975	160	1	178	435	774	1 197	747	38	56	167	261	2 148	--	5 127
1976	166	2	168	492	828	1 336	904	44	49	188	281	3 225	1	6 575
1977	198	1	201	545	945	1 604	1 264	56	55	220	331	3 780	2	7 927
1978	177	1	222	579	979	2 086	1 566	73	78	219	370	4 628	1	9 629
1979	229	5	264	674	1 172	2 601	1 956	85	91	289	465	5 696	--	11 890
1980	256	2	318	880	1 456	2 937	2 228	90	123	316	529	5 669	--	12 819
1981	325	1	356	954	1 636	3 404	2 513	124	141	330	595	4 855	1	13 003
1982	316	1	282	725	1 324	3 333	2 365	103	98	292	493	4 586	1	12 101
1983	246	1	231	754	1 231	3 301	2 686	103	114	329	545	5 453	--	13 218
B. Province or region of lading/origin														
1984	286	3	354	1 050	1 693	3 999	3 267	146	140	415	701	6 074	1	15 734
1985	318	2	357	1 025	1 701	4 140	3 437	178	105	407	690	6 274	1	16 242
1986	311	1	438	1 177	1 927	4 628	3 539	213	160	422	795	7 008	--	17 898

[a]Excluding re-exports.

Source: Statistics Canada Special Compilation, International Trade Division.

EXPORTS BY REGION OF LADING/ORIGIN

Billions of dollars

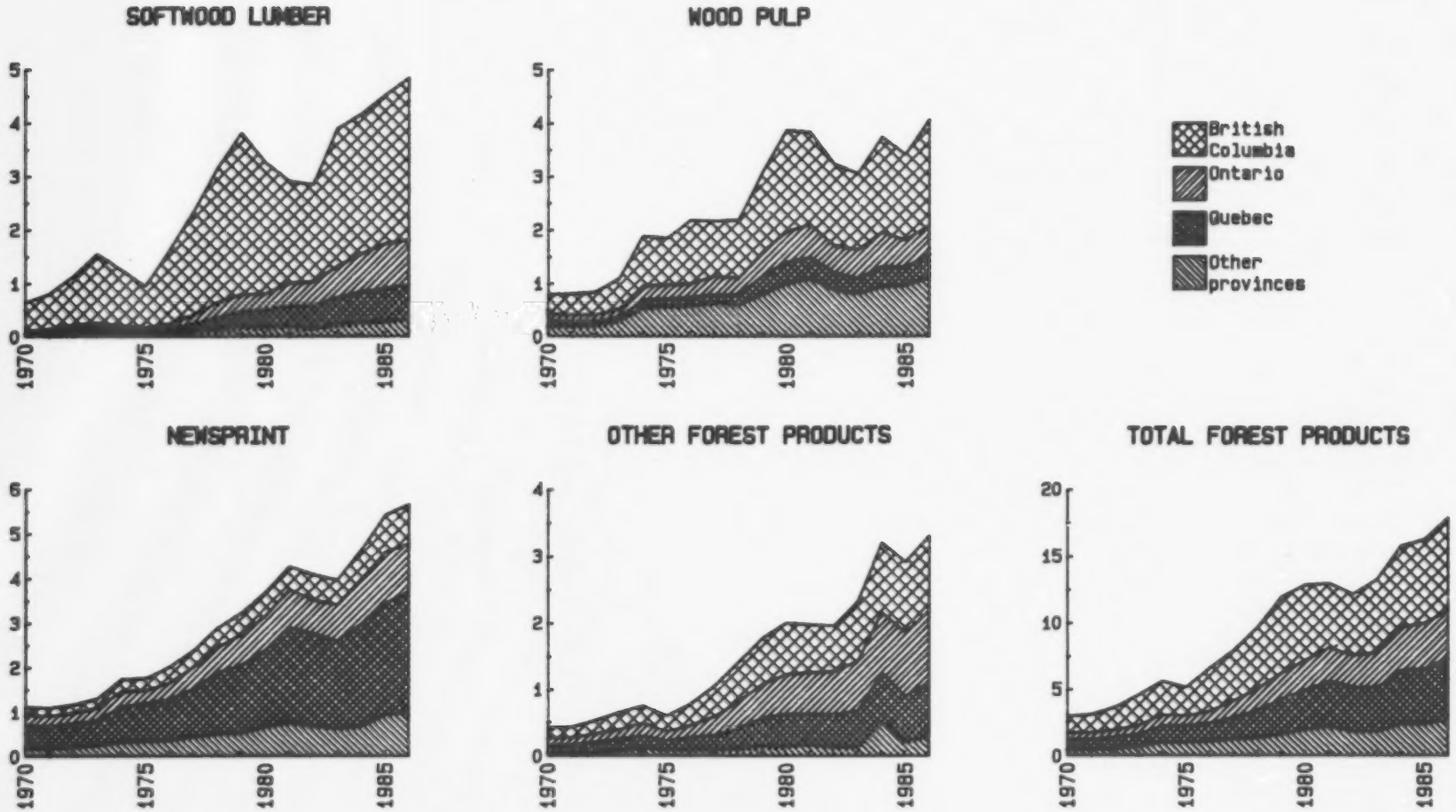

Figure 17. Exports of Canadian forest products by commodity group and region of lading/origin, 1970-1986.

Source: Statistics Canada, Cat. No. 65-202 and special compilation.

III - 4. EXPORTS[a] AND IMPORTS OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP, 1970-1987

Year	Lumber		Plywood and veneer	Particle-board and wood building board	Wood-pulp	News-print	Other paper and paperboard	Pulp-wood	Wood chips	Other crude wood materials	Other forest products	Canada		Forest products (%)
	Softwoods	Total										Total forest products	Total products	
							$000 000							
A. Exports														
1970	638	664	73	-	785	1 110	167	27	11	40	81	2 958	16 820	17.6
1972	1 128	1 174	97	-	830	1 158	222	14	13	20	122	3 650	20 150	18.1
1973	1 559	1 600	128	-	1 082	1 288	287	12	16	19	150	4 582	25 421	18.0
1974	1 255	1 292	107	-	1 889	1 726	425	13	14	36	129	5 631	32 442	17.4
1975	949	975	90	-	1 834	1 746	305	11	14	36	119	5 130	33 328	15.4
1976	1 611	1 653	102	-	2 186	2 003	378	12	22	40	189	6 585	38 475	17.1
1977	2 339	2 389	149	-	2 158	2 382	471	12	35	59	280	7 935	44 554	17.8
1978	3 158	3 230	212	-	2 181	2 886	618	14	49	53	391	9 634	53 183	18.1
1979	3 821	3 903	248	-	3 083	3 222	827	15	54	77	469	11 898	65 641	18.1
1980	3 265	3 368	237	-	3 873	3 684	1 015	26	91	89	459	12 842	76 159	16.9
1981	2 916	3 029	222	-	3 819	4 326	966	25	98	77	490	13 053	83 811	15.6
1982	2 848	2 954	215	-	3 221	4 086	1 016	8	98	120	470	12 188	84 530	14.4
1983	3 896	3 997	258	92	3 049	3 956	1 148	12	89	174	486	13 261	90 613	14.6
1984	4 182	4 299	273	157	3 906	4 784	1 427	11	85	263	588	15 793	112 384	14.1
1985	4 524	4 630	249	201	3 411	5 411	1 486	8	83	203	623	16 305	119 474	13.6
1986	4 862	5 002	240	182	4 072	5 667	1 799	12	78	227	697	17 978	120 521	14.9
1987[b]	5 745	5 859	266	168	5 473	6 029	2 237	22	73	368	747	21 241	125 087	17.0
B. Imports														
1970	22	38	28	6	10	-	107	3	-	27	45	264	13 952	1.9
1972	38	67	60	15	17	-	145	5	-	47	70	426	18 669	2.3
1973	60	99	78	23	17	-	188	4	-	50	105	564	23 325	2.4
1974	71	117	114	33	19	-	282	8	-	64	152	790	31 722	2.5
1975	71	110	124	30	30	-	346	9	-	56	160	864	34 716	2.5
1976	95	164	97	29	33	-	432	8	-	55	174	992	37 494	2.6
1977	96	171	72	25	35	-	402	11	5	51	199	972	42 363	2.3
1978	94	203	76	25	50	-	469	14	6	69	236	1 147	50 108	2.3
1979	127	271	89	26	79	-	546	21	6	94	296	1 428	62 871	2.3
1980	108	235	64	23	79	-	576	15	2	82	262	1 338	69 274	1.9
1981	130	276	113	29	83	-	722	17	3	75	310	1 628	79 482	2.0
1982	72	177	46	15	88	-	684	15	4	75	198	1 302	67 856	1.9
1983	123	281	88	21	86	-	876	13	7	102	166	1 640	75 520	2.2
1984	108	281	78	24	129	-	1 107	13	9	141	183	1 965	95 460	2.1
1985	112	281	79	28	132	-	1 142	17	9	156	190	2 034	104 355	1.9
1986	143	360	112	37	138	-	1 311	28	24	174	215	2 399	112 678	2.1

[a] Including re-exports.
[b] Re-exports not available.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

III - 5. BALANCE OF TRADE OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP, 1970-1986

Year	Lumber		Plywood and veneer	Particle-board and wood building board	Wood-pulp	Newsprint	Other paper and paperboard	Pulp-wood	Wood chips	Other crude wood materials	Other forest products	Canada	
	Softwoods	Total										Total forest products	Total products
							$000 000						
1970	+ 616[a]	+ 626	+ 45	- 6	+ 775	+1 110	+ 60	+24	+11	+ 13	+ 36	+ 2 694	+ 2 868
1971	+ 772	+ 785	+ 34	- 11	+ 783	+1 084	+ 54	+16	+17	- 2	+ 42	+ 2 803	+ 2 202
1972	+1 090	+1 107	+ 37	- 15	+ 813	+1 158	+ 77	+ 9	+13	- 27	+ 52	+ 3 224	+ 1 481
1973	+1 499	+1 501	+ 50	- 23	+1 065	+1 288	+ 99	+ 8	+16	- 31	+ 45	+ 4 018	+ 2 096
1974	+1 184	+1 175	- 7	- 33	+1 870	+1 726	+143	+ 5	+14	- 28	- 23	+ 4 841	+ 720
1975	+ 878	+ 865	- 34	- 30	+1 804	+1 746	- 41	+ 2	+14	- 20	- 41	+ 4 266	- 1 388
1976	+1 516	+1 489	+ 5	- 29	+2 153	+2 003	- 54	+ 4	+22	- 15	+ 15	+ 5 593	+ 981
1977	+2 243	+2 218	+ 77	- 25	+2 123	+2 382	+ 69	+ 1	+30	+ 8	+ 81	+ 6 963	+ 2 191
1978	+3 064	+3 0[illegible]7	+136	- 25	+2 131	+2 886	+149	-	+43	- 16	+155	+ 8 487	+ 3 075
1979	+3 694	+3 632	+159	- 26	+3 004	+3 222	+281	- 6	+48	- 17	+173	+10 470	+ 2 770
1980	+3 157	+3 133	+173	- 23	+3 794	+3 684	+439	+11	+89	+ 7	+197	+11 504	+ 6 885
1981	+2 786	+2 753	+109	- 29	+3 736	+4 326	+244	+ 8	+95	+ 2	+180	+11 425	+ 4 329
1982	+2 776	+2 777	+169	- 15	+3 133	+4 086	+332	- 7	+94	+ 45	+272	+10 886	+16 674
1983	+3 773	+3 716	+170	+ 71	+2 963	+3 956	+272	- 1	+82	+ 72	+320	+11 621	+15 005
1984	+4 074	+4 018	+195	+133	+3 777	+4 784	+320	- 2	+76	+122	+405	+13 828	+16 924
1985	+4 412	+4 349	+170	+173	+3 279	+5 411	+344	- 9	+74	+ 47	+433	+14 271	+15 120
1986	+4 719	+4 642	+128	+145	+3 934	+5 667	+488	-16	+54	+ 53	+482	+15 579	+ 7 843

[a]The + sign means surplus and the - sign means deficit.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

III - 6. DOMESTIC EXPORTS[a] AND IMPORTS OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP, 1950-1987

Year	Logs and bolts	Pulpwood	Wood chips	Lumber		Shingles and shakes	Wood pulp	Newsprint	Other paper and paperboard
				Softwoods	Total				
	1 000 m^3	1 000 m^3	1 000 t	1 000 m^3	1 000 m^3	1 000 m^2	1 000 t	1 000 t	1 000 t
A. Exports									
1950	..	..	194	7 971	8 399	27 164	1 675	4 480	106
1960	..	..	718	10 494	10 768	18 120	2 360	5 616	211
1970	1 295	2 636	881	17 299	17 621	20 462	5 063	7 339	626
1972	332	1 398	607	22 761	23 112	25 126	5 615	7 353	863
1973	230	1 267	722	23 186	23 534	25 018	6 054	7 628	898
1974	752	1 202	588	19 283	19 562	19 358	6 526	7 910	913
1975	416	947	471	15 309	15 466	18 798	4 997	6 354	664
1976	569	905	704	22 621	22 832	24 841	6 116	7 000	788
1977	928	764	916	28 817	29 059	28 206	6 096	7 267	1 369
1978	670	891	1 111	31 419	31 715	33 369	6 641	7 868	1 610
1979	856	797	1 165	31 285	31 548	33 221	7 102	7 778	1 733
1980	1 164	1 066	1 343	29 016	29 290	32 638	7 253	7 718	1 931
1981	963	903	1 307	27 263	27 506	30 786	6 999	7 986	1 646
1982	1 260	287	1 131	27 566	27 807	30 303	6 115	7 081	1 644
1983	2 274	434	1 387	33 887	34 113	38 137	6 806	7 379	1 942
1984	3 408	408	1 305	37 066	37 335	42 427	7 030	8 127	2 040
1985	2 515	378	1 117	38 619	38 861	43 763	7 060	8 285	1 992
1986	2 669	611	1 012	37 779	38 052	42 871	7 622	8 591	2 301
1987	3 523	874	904	41 296	41 676	36 330	8 242	8 772	2 986
B. Imports									
1950	..	..	-	98	187	10	33	-	23
1960	..	..	-	326	544	101	58	-	139
1970	1 608	304	-	399	597	1 642	47	-	199
1972	2 668	445	-	545	905	574	96	-	297
1973	2 261	339	-	704	1 075	287	83	-	332
1974	1 882	651	-	753	1 124	865	56	-	432
1975	1 658	555	-	856	1 187	-	82	-	516
1976	1 947	494	-	935	1 512	-	84	-	645
1977	1 764	585	-	764	1 228	-	87	-	449
1978	2 013	672	145	625	1 145	-	129	-	429
1979	2 364	897	160	785	1 409	-	173	-	417
1980	2 039	559	96	671	1 197	-	145	-	380
1981	1 631	591	86	807	1 361	-	141	-	501
1982	1 577	500	51	506	895	-	150	-	393
1983	2 359	457	97	773	1 341	-	292	-	528
1984	2 807	440	118	626	1 203	-	374	-	641
1985	2 947	588	157	663	1 197	-	224	-	659
1986	3 116	771	431	794	1 419	-	225	-	782

[a]Excluding re-exports.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

III - 7. APPARENT DOMESTIC CONSUMPTION[a] OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP, 1950-1986

Year	Logs and bolts	Pulpwood	Lumber		Wood pulp	Newsprint	Other paper and paperboard
			Softwoods	Total			
	1 000 m^3	1 000 m^3	1 000 m^3	1 000 m^3	1 000 t	1 000 t	1 000 t
1950	..	..	6 537	7 253	6 045	345	1 272
1960	..	..	7 694	8 683	8 096	452	1 955
1970	75 957	38 070	8 549	9 564	11 593	657	2 829
1971	80 984	35 326	9 648	10 622	11 468	658	2 963
1972	83 547	37 475	9 508	10 793	11 934	726	3 237
1973	98 917	41 450	12 697	14 185	12 592	729	3 660
1974	86 425	47 483	12 150	13 686	13 208	800	4 027
1975	74 785	36 671	11 859	13 026	10 198	656	2 908
1976	98 513	36 421	13 960	15 502	11 914	1 063	3 585
1977	104 543	36 553	12 541	13 897	12 159	799	3 150
1978	112 879	37 820	12 782	14 317	13 640	871	3 456
1979	115 941	40 342	15 064	16 561	13 799	864	3 683
1980	110 832	38 276	15 179	16 902	13 579	650	3 466
1981	96 986	40 892	12 781	14 072	13 714	947	3 878
1982	89 186	31 297	9 304	10 540	12 549	704	3 437
1983	111 354	38 113	14 510	15 894	13 681	1 082	3 591
1984	116 653	42 083	11 268	12 857	13 808	823	4 010
1985	119 768	40 811	14 557	16 197	13 337	703	4 222
1986e	..	..	17 177	18 425	14 030	698	..

[a]Apparent domestic consumption = Production + Imports - Exports.

Source: Statistics Canada Cat. No. 25-201, 35-204, 36-204, 65-202 and 65-203 and Canadian Pulp and Paper Association Reference Tables 1987.

III - 8. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP AND PROVINCE OR REGION OF LADING/ORIGIN, 1986

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada[b]
							$000						
A. Primary wood products	**2 573**	**448**	**10 973**	**16 202**	**30 196**	**15 699**	**6 295**	**283**	**168**	**1 525**	**1 976**	**259 872**	**314 066**
Logs, bolts - Total	899	65	100	1 692	2 756	3 167	1 804	218	5	-	223	179 486	187 458
- Softwood logs	890	-	-	278	1 168	205	22	-	-	-	-	175 400	176 817
Pulpwood - Total	1 674	345	838	4 858	7 715	1 887	376	-	6	-	6	2 403	12 390
- Unpeeled	-	-	10	4 653	4 663	1 749	236	-	6	-	6	2 403	9 056
Wood chips	-	-	-	6 079	6 079	1 612	2 318	-	-	3	3	66 797	76 810
Other primary products	-	38	10 035	3 573	13 646	9 032	1 796	65	158	1 522	1 745	11 186	37 408
B. Wood-fabricated materials	**360**	**90**	**12 809**	**136 802**	**150 061**	**917 126**	**1 138 299**	**93 912**	**23 555**	**182 289**	**299 756**	**3 557 199**	**6 062 515**
Lumber - Softwoods	269	32	10 322	96 124	106 747	660 474	837 828	87 609	13 322	125 522	226 453	3 030 737	4 862 311
- Hardwoods	18	-	915	1 183	2 116	40 011	42 418	1 938	24	73	2 035	1 022	87 602
Shingles and shakes	1	-	97	10 922	11 020	20 454	412	16	-	141	157	236 289	268 332
Veneer - Softwoods	-	-	2	2	4	444	2 177	-	-	-	-	13 395	16 020
- Hardwoods	-	-	68	274	342	43 126	55 582	-	-	137	137	1 249	100 436
Plywood - Softwoods	-	-	41	15	56	476	386	-	-	147	147	97 083	98 147
- Hardwoods	-	-	25	2	27	2 662	18 351	-	-	210	210	2 173	23 424
Other wood products	72	58	1 339	28 282	29 751	149 478	181 145	4 350	10 209	56 059	70 618	175 251	606 243
C. Wood pulp and paper products	**308 068**	**210**	**414 689**	**1 024 040**	**1 747 007**	**3 695 456**	**2 394 705**	**118 633**	**136 364**	**238 110**	**493 107**	**3 191 012**	**11 521 303**
Wood pulp - Total	**30**	**-**	**177 820**	**573 145**	**750 995**	**439 332**	**542 361**	**2 845**	**131 195**	**224 778**	**358 818**	**1 980 535**	**4 072 040**
- Chemical	30	-	175 886	448 203	624 119	434 925	542 303	2 845	131 195	224 778	358 818	1 901 644	3 861 808
Paper products	**308 038**	**210**	**236 868**	**450 895**	**996 011**	**3 256 124**	**1 852 344**	**115 788**	**5 169**	**13 333**	**134 290**	**1 210 477**	**7 449 263**
Newsprint	307 407	34	226 398	375 336	909 175	2 732 052	1 074 994	69 514	-	304	69 818	880 934	5 666 972
Other paper and paperboard	631	176	10 470	75 559	86 836	524 073	777 351	46 274	5 169	13 029	64 472	329 543	1 782 291
Book and writing paper	483	-	6	15 231	15 720	202 804	349 571	31	-	-	31	45 184	613 311
Fine paper	-	-	18	-	18	25 485	44 664	-	-	-	-	32 051	102 218
Tissue and sanitary	-	-	3	-	3	9 258	23 932	-	-	-	-	21 613	54 806
Wrapping and packaging	-	-	74	48	122	23 022	23 634	37 346	10	-	37 356	85 542	169 674
Paperboard	7	-	1 235	59 229	60 471	93 905	32 617	7	-	653	660	87 967	275 620
Building paper and board	-	31	8 054	174	8 259	54 350	70 195	5 223	1 144	9 348	15 715	11 418	159 937
Converted paper	11	36	263	161	471	32 995	129 277	444	-	968	1 412	1 129	165 284
Misc. paper products	130	108	818	716	1 772	82 253	103 462	3 224	4 016	2 059	9 299	44 639	241 441
Total forest products	**311 001**	**748**	**438 471**	**1 177 044**	**1 927 264**	**4 628 281**	**3 539 298**	**212 828**	**160 087**	**421 925**	**794 840**	**7 008 084**	**17 897 884**

[a]Excluding re-exports.
[b]Includes Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 9. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP AND PROVINCE OR REGION OF LADING/ORIGIN, 1986

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada[b]
A. Primary wood products													
Logs, bolts - Total (1 000 m^3)	19	2	--	39	61	17	14	1	--	-	1	2 576	2 669
- Softwood logs	19	-	-	7	26	2	--	-	-	-	-	2 485	2 513
Pulpwood - Total (1 000 m^3)	42	8	21	307	378	66	14	-	--	-	--	153	611
- Unpeeled	-	-	--	299	299	61	8	-	--	-	--	153	521
Wood chips (1 000 t)	-	-	-	118	118	22	32	-	-	--	--	839	1 012
B. Wood-fabricated materials													
Lumber - Softwoods (1 000 m^3)	2	--	74	728	804	5 296	6 721	707	127	1 230	2 063	22 894	37 779
- Hardwoods	--	-	3	5	8	121	127	11	--	--	11	5	273
Shingles and shakes (1 000 m^2)	1	-	11	1 924	1 936	3 342	117	3	-	23	26	37 450	42 871
Veneer - Softwoods (1 000 m^3)	-	-	--	--	--	2	18	-	-	-	-	57	76
- Hardwoods	-	-	--	--	--	46	62	-	-	--	--	1	110
Plywood - Softwoods (1 000 m^3)	-	-	--	--	--	1	1	-	-	--	--	285	288
- Hardwoods	-	-	--	--	--	6	37	-	-	--	--	4	48
Other wood products (1 000 m^3)	--	--	1	42	43	218	407	2	57	235	293	417	1 377
C. Wood pulp and paper products (1 000 t)	577	--	683	1 804	3 064	5 318	3 508	193	280	468	941	5 684	18 514
Wood pulp - Total	--	-	341	1 088	1 429	748	995	6	273	438	716	3 734	7 622
- Chemical	--	-	337	799	1 136	737	995	6	273	438	716	3 528	7 112
Paper products	577	--	342	716	1 635	4 570	2 513	187	7	30	224	1 950	10 892
Newsprint	576	--	326	566	1 469	3 948	1 625	109	-	--	110	1 439	8 591
Other paper and paperboard	1	--	16	150	166	622	888	78	7	30	114	511	2 301
Book and writing paper	1	-	--	18	18	243	436	--	-	--	--	53	750
Fine paper	-	-	--	-	--	26	42	-	-	-	-	30	99
Tissue and sanitary	-	-	--	-	--	8	20	-	-	-	-	24	52
Wrapping and packaging	-	-	--	--	--	24	18	63	--	-	63	160	265
Paperboard	--	-	3	131	134	185	68	--	-	1	1	220	608
Building paper and board	--	--	13	1	14	125	269	15	7	28	50	23	480
Converted paper	--	--	--	--	--	10	36	--	-	1	1	1	48

[a]Excluding re-exports
[b]Includes Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 10. IMPORTS OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP AND PROVINCE OR REGION OF CLEARANCE, 1986

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada[a]
							$000						
A. Primary wood products	**1 244**	**-**	**1 151**	**15 349**	**17 744**	**122 488**	**35 561**	**212**	**1 031**	**206**	**1 448**	**48 566**	**225 808**
Logs, bolts - Total	-	-	5	7 129	7 134	117 096	22 272	-	-	17	17	4 652	151 172
- Softwood logs	-	-	1	4 910	4 911	95 739	2 135	-	-	-	-	4 629	107 414
Pulpwood - Total	-	-	-	43	43	916	7 270	-	-	-	-	19 904	28 133
- Unpeeled	-	-	-	39	39	914	6 706	-	-	-	-	19 904	27 563
Wood chips	-	-	-	7 947	7 947	13	233	9	4	31	44	15 788	24 025
Other primary products	1 244	-	1 145	230	2 620	4 463	5 786	202	1 027	158	1 387	8 222	22 479
B. Wood-fabricated materials	**344**	**97**	**4 672**	**12 668**	**17 781**	**133 887**	**343 206**	**25 777**	**6 619**	**12 593**	**44 989**	**184 222**	**724 086**
Lumber - Softwoods	3	-	102	6 316	6 421	15 563	47 276	2 747	320	1 077	4 144	69 267	142 670
- Hardwoods	161	4	2 886	1 255	4 306	56 984	120 915	12 805	2 843	4 809	20 458	14 714	217 377
Shingles and shakes	-	-	-	-	-	-	-	-	-	-	-	-	-
Veneer - Softwoods	-	-	-	4	4	504	1 195	-	37	142	179	14 667	16 550
- Hardwoods	-	-	-	13	13	7 646	13 968	77	479	197	752	1 329	23 708
Plywood - Softwoods	-	-	198	348	546	3 151	14 572	201	118	436	755	8 362	27 385
- Hardwoods	58	-	23	136	216	12 210	14 534	113	-	129	242	17 073	44 275
Other wood products	121	94	1 464	4 596	6 275	37 830	130 747	9 834	2 823	5 803	18 460	58 809	252 120
C. Wood pulp and paper products	**983**	**13**	**5 867**	**42 414**	**49 277**	**328 690**	**875 842**	**49 625**	**2 914**	**20 529**	**73 070**	**122 149**	**1 449 034**
Wood pulp - Total	**38**	**-**	**2**	**3 986**	**4 026**	**43 609**	**62 276**	**5 505**	**-**	**1 924**	**7 430**	**21 003**	**138 344**
- Chemical	15	-	-	3 985	4 000	38 020	58 243	5 376	-	1 888	7 264	21 003	128 530
Paper products	**945**	**13**	**5 865**	**38 428**	**45 251**	**285 081**	**813 566**	**44 120**	**2 914**	**18 605**	**65 640**	**101 146**	**1 310 690**
Book and writing paper	21	-	708	21 371	22 100	55 862	120 683	7 538	713	3 483	11 734	15 149	225 527
Fine paper	12	-	230	2 919	3 161	31 796	109 259	12 861	88	3 282	16 230	11 036	171 483
Tissue and sanitary	37	-	479	607	1 122	18 191	19 116	342	17	89	449	1 071	39 949
Wrapping and packaging	-	-	72	155	227	11 384	19 366	5 067	33	134	5 234	1 345	37 557
Paperboard	469	-	672	2 608	3 750	21 555	106 981	3 846	72	2 940	6 858	20 680	159 824
Building paper and board	-	-	94	748	842	18 666	26 857	1 203	223	320	1 746	9 800	57 912
Converted paper	95	-	1 445	3 580	5 120	48 125	157 571	3 035	420	1 779	5 234	16 112	232 162
Misc. paper products	311	13	2 166	6 439	8 929	79 502	253 731	10 228	1 348	6 578	18 154	25 954	386 277
Total forest products	**2 571**	**110**	**11 690**	**70 432**	**84 802**	**585 065**	**1 254 609**	**75 615**	**10 564**	**33 328**	**119 507**	**354 937**	**2 398 928**

[a]Includes Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 11. IMPORTS OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP AND PROVINCE OR REGION OF CLEARANCE, 1986

Commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
A. Primary wood products													
Logs, bolts - Total (1 000 m^3)	-	-	--	166	166	2 585	251	-	-	--	--	113	3 116[a]
- Softwood logs	-	-	--	124	124	2 288	66	-	-	-	-	112	2 590[a]
Pulpwood - Total (1 000 m^3)	-	-	-	2	2	27	272	-	-	-	-	470	771
- Unpeeled	-	-	-	2	2	26	249	-	-	-	-	470	748
Wood chips (1 000 t)	-	-	-	145	145	--	5	--	--	--	1	280	431
B. Wood-fabricated materials													
Lumber - Softwoods (1 000 m^3)	--	-	--	44	44	94	193	16	2	5	23	440	794[a]
- Hardwoods	1	--	15	6	21	174	351	33	6	8	47	32	625
Shingles and shakes (1 000 m^2)	-	-	-	-	-	-	-	-	-	-	-	-	-
Veneer - Softwoods (1 000 m^3)	-	-	-	--	--	1	4	-	--	1	1	87	93
- Hardwoods	-	-	-	--	--	9	13	--	--	--	--	1	23
Plywood - Softwoods (1 000 m^3)	-	-	1	1	2	10	46	1	--	1	3	29	90
- Hardwoods	--	-	--	--	1	29	33	--	--	--	--	35	98
Other wood products (1 000 m^3)	-	-	--	3	3	36	40	9	1	7	17	64	160
C. Wood pulp and paper products (1 000 t)	**1**	**-**	**3**	**33**	**37**	**256**	**548**	**38**	**2**	**16**	**56**	**111**	**1 007**
Wood pulp - Total	--	-	--	7	7	69	102	10	-	3	13	35	225
- Chemical	--	-	-	7	7	65	100	9	-	2	12	35	219
Paper products	**1**	**-**	**3**	**26**	**30**	**187**	**446**	**29**	**2**	**13**	**43**	**76**	**782**
Newsprint	-	-	-	-	-	-	-	-	-	-	-	-	-
Other paper and paperboard	1	-	3	26	30	187	446	29	2	13	43	76	782
Book and writing paper	--	-	1	18	18	55	110	6	1	4	11	14	207
Fine paper	--	-	--	2	3	21	58	7	--	2	9	8	99
Tissue and sanitary	--	-	--	--	--	6	9	--	--	--	--	1	16
Wrapping and packaging	-	-	--	--	--	17	16	7	--	--	7	1	41
Paperboard	1	-	1	4	6	36	165	6	--	5	12	33	252
Building paper and board	-	-	--	1	1	33	27	2	1	--	2	15	78
Converted paper	--	-	--	1	1	20	60	1	--	1	2	6	89

[a]Including Yukon.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 12. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY COMMODITY GROUP AND MAJOR TRADE GROUP, 1986

Commodity	United States	South and Central America	Africa	Europe				USSR	Asia		Oceania	World[b]
				United Kingdom	Other EEC	Scandi-navia	Europe		Japan	Asia		
							$000					
A. Primary wood products	**90 010**	**1 116**	**-**	**7**	**6 671**	**405**	**8 158**	**-**	**186 053**	**214 699**	**13**	**314 066**
Logs, bolts - Total	12 759	12	-	7	3 420	-	3 481	-	142 499	171 144	-	187 458
- Softwood logs	10 066	-	-	7	899	-	906	-	141 828	165 845	-	176 817
Pulpwood - Total	9 367	130	-	-	1 873	-	2 894	-	-	-	-	12 390
- Unpeeled	8 903	130	-	-	24	-	24	-	-	-	-	9 056
Wood chips	31 499	-	-	-	1 359	405	1 764	-	43 547	43 547	-	76 810
Other primary products	36 386	975	-	-	19	-	19	-	8	9	13	37 408
B. Wood-fabricated materials	**4 939 322**	**22 469**	**4 486**	**292 861**	**194 512**	**5 964**	**499 082**	**-**	**487 589**	**522 335**	**73 358**	**6 062 515**
Lumber - Softwoods	3 927 019	17 413	1 757	217 702	126 266	148	348 233	-	473 785	496 244	71 050	4 862 311
- Hardwoods	38 831	2 608	1 080	11 259	21 568	1 550	34 663	-	6 108	10 401	-	87 602
Shingles and shakes	264 709	214	33	751	1 687	-	2 446	-	150	219	707	268 332
Veneer - Softwoods	15 647	-	-	32	11	-	43	-	292	328	-	16 020
- Hardwoods	80 157	10	1 202	602	9 873	2 294	13 447	-	678	5 397	222	100 436
Plywood - Softwoods	10 425	205	30	49 069	30 996	1 490	81 744	-	4 772	5 148	554	98 147
- Hardwoods	23 231	20	20	-	92	-	92	-	46	46	-	23 424
Other wood products	579 303	1 999	363	13 446	4 018	482	18 415	-	1 757	4 551	824	606 243
C. Wood pulp and paper products	**8 211 965**	**375 494**	**61 296**	**420 091**	**999 324**	**28 852**	**1 485 911**	**10 490**	**683 780**	**1 235 146**	**140 553**	**11 521 303**
Wood pulp - Total	**1 962 566**	**86 298**	**12 911**	**204 211**	**834 717**	**25 418**	**1 100 899**	**10 490**	**524 162**	**856 485**	**42 343**	**4 072 040**
- Chemical	1 882 604	81 182	12 911	152 569	828 838	25 418	1 043 309	10 490	475 152	788 923	42 343	3 861 808
Paper products	**6 249 399**	**289 196**	**48 385**	**215 879**	**164 608**	**3 435**	**385 011**	**-**	**159 617**	**378 661**	**98 210**	**7 449 263**
Newsprint	4 790 649	228 367	33 099	168 479	108 554	7	277 043	-	117 996	256 421	81 366	5 666 972
Other paper and paperboard	1 458 751	60 829	15 285	47 400	56 053	3 428	107 968	-	41 621	122 240	16 844	1 782 291
Book and writing paper	601 464	3 151	1 488	323	29	-	422	-	41	3 581	3 198	613 311
Fine paper	94 784	3 568	158	87	335	9	431	-	26	2 920	357	102 218
Tissue and sanitary	46 043	389	49	837	29	12	878	-	-	4 045	3 396	54 806
Wrapping and packaging	92 547	6 586	588	17 805	8 776	4	26 585	-	18 978	43 253	111	169 674
Paperboard	114 156	30 660	9 023	20 159	41 493	2 909	65 417	-	18 941	55 987	376	275 620
Building paper and board	154 531	709	32	1 594	1 519	61	3 188	-	974	1 354	60	159 937
Converted paper	155 330	2 078	2 234	2 944	919	51	3 928	-	89	426	1 221	165 284
Misc. paper products	199 896	13 689	1 713	3 651	2 953	381	7 117	-	2 572	10 674	8 125	241 441
Total forest products	**13 241 297**	**399 079**	**65 782**	**712 958**	**1 200 507**	**35 221**	**1 993 151**	**10 490**	**1 357 422**	**1 972 180**	**213 924**	**17 897 884**

[a]Excluding re-exports.
[b]Includes St. Pierre and Miquelon and Greenland.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 13. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY COMMODITY GROUP AND MAJOR TRADE GROUP, 1986

Commodity	United States	South and Central America	Africa	Europe				USSR	Asia		Oceania	World[b]
				United Kingdom	Other EEC	Scandi-navia	Europe		Japan	Asia		
A. Primary wood products												
Logs, bolts - Total (1 000 m^3)	302	--	-	--	33	-	33	-	1 804	2 332	-	2 669
- Softwood logs	252	-	-	-	19	-	19	-	1 797	2 243	-	2 513
Pulpwood - Total (1 000 m^3)	499	40	-	-	49	-	73	-	-	-	-	611
- Unpeeled	481	40	-	-	1	-	1	-	-	-	-	521
Wood chips (1 000 t)	525	-	-	-	17	4	21	-	466	466	-	1 012
B. Wood-fabricated materials												
Lumber - Softwoods (1 000 m^3)	32 917	128	11	1 538	521	1	2 072	-	2 167	2 348	297	37 779
- Hardwoods	185	7	2	20	36	3	59	-	11	20	-	273
Shingles and shakes (1 000 m^2)	42 346	34	6	103	248	-	352	-	20	32	100	42 871
Veneer - Softwoods (1 000 m^3)	74	-	-	--	--	-	--	-	2	2	--	76
- Hardwoods	90	--	1	--	9	2	13	-	1	6	--	110
Plywood - Softwoods (1 000 m^3)	18	--	--	154	90	5	250	-	17	18	2	288
- Hardwoods	47	--	--	-	--	-	--	-	--	--	-	48
Other wood products (1 000 m^3)	1 355	1	--	9	3	--	12	-	2	8	1	1 377
C. Wood pulp and paper products (1 000 t)	**12 471**	**688**	**115**	**729**	**1 774**	**55**	**2 624**	**16**	**1 247**	**2 361**	**238**	**18 514**
Wood pulp - Total	**3 669**	**172**	**27**	**377**	**1 511**	**48**	**2 002**	**16**	**1 000**	**1 656**	**81**	**7 622**
- Chemical	3 475	158	27	267	1 495	48	1 876	16	875	1 480	81	7 112
Paper products	**8 803**	**516**	**89**	**350**	**263**	**7**	**622**	**-**	**247**	**706**	**157**	**10 892**
Newsprint	7 055	422	68	273	159	--	432	-	166	464	151	8 591
Other paper and paperboard	1 748	94	21	78	104	7	190	-	82	241	6	2 301
Book and writing paper	736	4	1	--	--	-	--	-	--	5	3	750
Fine paper	92	3	--	--	--	-	--	-	--	4	--	99
Tissue and sanitary	45	--	--	--	--	--	--	-	-	4	2	52
Wrapping and packaging	124	11	1	31	16	--	47	-	46	82	--	265
Paperboard	239	74	17	43	83	7	134	-	3	144	1	608
Building paper and board	469	1	--	2	5	--	7	-	-	3	--	480
Converted paper	44	1	1	1	--	--	1	-	--	--	--	48

[a]Excluding re-exports.
[b]Includes St. Pierre and Miquelon and Greenland.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 14. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1986

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada	%
							$000							
United States	**104 591**	**279**	**333 672**	**655 153**	**1 093 695**	**4 032 810**	**3 431 987**	**207 645**	**82 942**	**411 052**	**701 639**	**3 981 049**	**13 241 297**	**74.0**
Softwood lumber	208	22	718	81 144	82 092	626 390	834 610	87 465	13 322	124 981	225 768	2 158 085	3 927 019[b]	
Wood pulp	30	-	109 194	285 603	394 827	261 699	528 698	2 497	54 073	214 848	271 418	505 923	1 962 566	
Newsprint	103 745	34	204 200	203 453	511 432	2 447 475	1 074 096	69 514	-	304	69 818	687 827	4 790 649	
Central America	**28 401**	**45**	**1 456**	**37 096**	**66 998**	**43 292**	**17 071**	**1 651**	**3**	**38**	**1 692**	**51 620**	**180 672**	**1.0**
Softwood lumber	5	-	11	1 862	1 878	3 382	1 449	-	-	-	-	10 343	17 053	
Wood pulp	-	-	14	1 152	1 166	277	1 360	79	-	-	79	30 040	32 922	
Newsprint	28 396	-	719	14 135	43 250	20 260	116	-	-	-	-	5 538	69 164	
South America	**50 028**	**-**	**21 469**	**16 913**	**88 410**	**50 833**	**678**	**-**	**-**	**-**	**-**	**78 485**	**218 407**	**1.2**
Softwood lumber	-	-	-	-	-	-	-	-	-	-	-	360	360	
Wood pulp	-	-	-	960	960	3 673	-	-	-	-	-	48 743	53 376	
Newsprint	50 028	-	21 469	13 060	84 557	46 288	-	-	-	-	-	28 357	159 203	
Middle East and North Africa	**24 467**	**-**	**5 362**	**9 571**	**39 400**	**18 654**	**2 789**	**7**	**-**	**17**	**24**	**20 211**	**81 076**	**0.4**
Softwood lumber	-	-	-	-	-	2 285	10	-	-	-	-	5 706	8 001	
Wood pulp	-	-	5 288	1 912	7 200	3 417	-	-	-	-	-	4 650	15 267	
Newsprint	24 467	-	-	3 631	28 098	9 626	225	-	-	-	-	1 039	38 988	
United Kingdom	**35 018**	**-**	**26 896**	**128 763**	**190 677**	**149 538**	**24 282**	**2 148**	**4 547**	**474**	**7 169**	**341 293**	**712 958**	**4.0**
Softwood lumber	6	-	9 020	9 579	18 605	24 195	1 451	9	-	426	435	173 016	217 702	
Wood pulp	-	-	17 672	85 175	102 847	23 286	2 224	-	4 547	-	4 547	71 308	204 211	
Newsprint	35 012	-	-	33 301	68 313	84 534	-	-	-	-	-	15 633	168 479	
Other EEC countries	**28 186**	**-**	**23 680**	**145 452**	**197 318**	**182 569**	**30 261**	**-**	**12 977**	**386**	**13 363**	**776 995**	**1 200 507**	**6.7**
Softwood lumber	-	-	264	3 536	3 800	4 001	64	-	-	53	53	118 350	126 266	
Wood pulp	-	-	22 096	113 343	135 439	92 035	6 654	-	12 977	226	13 203	587 385	834 717	
Newsprint	26 256	-	9	18 257	44 522	60 188	-	-	-	-	-	3 844	108 554	
Scandinavia	**-**	**-**	**10 204**	**1 093**	**11 297**	**12 082**	**3 748**	**-**	**-**	**-**	**-**	**8 095**	**35 221**	**0.2**
Softwood lumber	-	-	-	-	-	16	-	-	-	-	-	132	148	
Wood pulp	-	-	10 050	415	10 465	11 247	-	-	-	-	-	3 707	25 418	
Newsprint	-	-	-	-	-	-	-	-	-	-	-	7	7	

III - 14. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1986 (CONCLUDED)

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada	%
							$000							
China, People's Rep.	**13 672**	**-**	**2 541**	**13 734**	**29 947**	**26 458**	**45**	**-**	**-**	**-**	**-**	**108 502**	**164 951**	**0.9**
Softwood lumber	-	-	-	-	-	-	-	-	-	-	-	12 021	12 021	
Wood pulp	-	-	2 541	2 077	4 618	10 413	-	-	-	-	-	62 591	77 622	
Newsprint	13 672	-	-	6 574	20 246	14 053	-	-	-	-	-	2 734	37 032	
Japan	**735**	**-**	**9 318**	**143 784**	**153 837**	**19 582**	**3 273**	**776**	**44 363**	**7 322**	**52 461**	**1 128 269**	**1 357 422**	**7.6**
Softwood lumber	-	-	-	-	-	32	41	53	-	61	114	473 598	473 785	
Wood pulp	-	-	9 195	65 162	74 357	7 234	254	269	44 363	7 203	51 835	390 482	524 162	
Newsprint	735	-	-	78 066	78 801	6 758	-	-	-	-	-	32 439	117 996	
Southeast Asia	**9 816**	**-**	**532**	**2 655**	**13 003**	**13 362**	**1 308**	**293**	**-**	**6**	**299**	**89 616**	**117 587**	**0.7**
Softwood lumber	-	-	-	-	-	-	-	48	-	-	48	35	83	
Wood pulp	-	-	-	746	746	815	-	-	-	-	-	53 492	55 053	
Newsprint	9 816	-	-	778	10 594	11 441	171	-	-	-	-	21 831	44 037	
Australia	**157**	**-**	**1 654**	**307**	**2 118**	**18 939**	**10 545**	**3**	**2**	**-**	**5**	**145 000**	**176 607**	**1.0**
Softwood lumber	-	-	-	-	-	-	31	-	-	-	-	64 772	64 803	
Wood pulp	-	-	1 518	-	1 518	-	-	-	-	-	-	40 766	42 284	
Newsprint	157	-	-	-	157	15 489	-	-	-	-	-	36 421	52 067	
Other countries	**15 930**	**424**	**1 687**	**22 523**	**40 564**	**60 162**	**13 311**	**305**	**15 253**	**2 630**	**18 188**	**278 949**	**411 179**	**2.3**
Softwood lumber	50	10	309	3	372	173	172	34	-	1	35	14 319	15 070	
Wood pulp	-	-	252	16 600	16 852	25 236	3 171	-	15 235	2 501	17 736	181 448	244 442	
Newsprint	15 123	-	1	4 081	19 205	15 940	386	-	-	-	-	45 264	80 796	
World	**311 001**	**748**	**438 471**	**1 177 044**	**1 927 264**	**4 628 281**	**3 539 298**	**212 828**	**160 087**	**421 925**	**794 840**	**7 008 084**	**17 897 884**	**100.0**
Softwood lumber	269	32	10 322	96 124	106 747	660 474	837 828	87 609	13 322	125 522	226 453	3 030 737	4 862 311	
Wood pulp	30	-	177 820	573 145	750 995	439 332	542 361	2 845	131 195	224 778	358 818	1 980 535	4 072 040	
Newsprint	307 407	34	226 398	375 336	909 175	2 732 052	1 074 994	69 514	-	304	69 818	880 934	5 666 972	

[a]Excluding re-exports.
[b]Includes Yukon; the Yukon exported $74 000 of softwood lumber to the United States.

Source: Statistics Canada Special Compilation, International Trade Division.

III - 15. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1986

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
United States													
Softwood lumber (m^3)	1 675	146	6 166	635 620	643 607	5 074 029	6 707 950	705 319	126 680	1 225 312	2 057 311	18 432 916	32 916 726[b]
Wood pulp (t)	54	-	216 203	533 222	749 479	442 088	972 160	5 019	113 589	421 611	540 219	964 601	3 668 547
Newsprint (t)	153 711	54	290 966	288 884	733 615	3 491 361	1 623 647	109 479	-	496	109 975	1 096 250	7 054 847
Central America													
Softwood lumber (m^3)	47	-	99	9 901	10 047	14 128	5 942	-	-	-	-	97 259	127 376
Wood pulp (t)	-	-	25	2 971	2 996	318	2 589	109	-	-	109	61 092	67 104
Newsprint (t)	63 019	-	1 194	21 433	85 646	33 684	128	-	-	-	-	9 056	128 512
South America													
Softwood lumber (m^3)	-	-	-	-	-	-	-	-	-	-	-	1 017	1 017
Wood pulp (t)	-	-	-	2 010	2 010	5 743	-	-	-	-	-	96 987	104 740
Newsprint (t)	95 704	-	34 014	23 885	153 603	89 449	-	-	-	-	-	50 324	293 376
Middle East and North Africa													
Softwood lumber (m^3)	-	-	-	-	-	16 933	71	-	-	-	-	61 034	78 039
Wood pulp (t)	-	-	9 351	4 629	13 980	6 046	-	-	-	-	-	10 973	30 999
Newsprint (t)	49 339	-	-	6 498	55 837	19 985	313	-	-	-	-	2 143	78 278
United Kingdom													
Softwood lumber (m^3)	61	-	63 116	58 595	121 772	157 027	4 158	61	-	3 643	3 704	1 251 698	1 538 359
Wood pulp (t)	-	-	31 951	167 157	199 108	40 567	3 604	-	8 862	-	8 862	125 220	377 360
Newsprint (t)	71 274	-	-	55 265	126 539	118 850	-	-	-	-	-	27 322	272 711
Other EEC countries													
Softwood lumber (m^3)	-	-	2 074	24 305	26 379	32 472	684	-	-	461	461	461 138	521 135
Wood pulp (t)	-	-	38 363	199 218	237 581	156 769	11 158	-	26 168	426	26 594	1 078 975	1 511 078
Newsprint (t)	50 767	-	18	27 358	78 143	76 988	-	-	-	-	-	3 847	158 977
Scandinavia													
Softwood lumber (m^3)	-	-	-	-	-	168	-	-	-	-	-	651	819
Wood pulp (t)	-	-	20 226	876	21 102	20 232	-	-	-	-	-	6 495	47 830
Newsprint (t)	-	-	-	-	-	-	-	-	-	-	-	10	10

III - 15. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA AND BY PROVINCE OR REGION OF LADING/ORIGIN, 1986 (CONCLUDED)

Trade area/ commodity	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
China, People's Rep.													
Softwood lumber (m^3)	-	-	-	-	-	-	-	-	-	-	-	95 090	95 090
Wood pulp (t)	-	-	3 979	6 037	10 016	19 017	-	-	-	-	-	123 562	152 596
Newsprint (t)	34 406	-	-	16 029	50 435	31 751	-	-	-	-	-	6 919	89 105
Japan													
Softwood lumber (m^3)	-	-	-	-	-	104	316	769	-	335	1 104	2 165 840	2 167 365
Wood pulp (t)	-	-	17 587	134 634	152 221	13 609	426	485	92 915	11 536	104 936	728 381	999 573
Newsprint (t)	1 406	-	-	115 838	117 244	7 996	-	-	-	-	-	40 336	165 576
Southeast Asia													
Softwood lumber (m^3)	-	-	-	-	-	-	-	212	-	-	212	229	441
Wood pulp (t)	-	-	-	1 868	1 868	1 604	-	-	-	-	-	105 229	108 702
Newsprint (t)	21 753	-	-	1 495	23 248	20 952	348	-	-	-	-	48 553	93 101
Australia													
Softwood lumber (m^3)	-	-	-	-	-	-	61	-	-	-	-	283 119	283 181
Wood pulp (t)	-	-	2 617	-	2 617	-	-	-	-	-	-	78 296	80 913
Newsprint (t)	304	-	-	-	304	26 712	-	-	-	-	-	66 088	93 104
Other countries													
Softwood lumber (m^3)	336	88	2 185	26	2 635	863	1 355	348	-	-	348	43 756	48 953
Wood pulp (t)	-	-	532	35 355	35 887	41 963	5 177	-	31 120	4 365	35 485	354 011	472 519
Newsprint (t)	34 387	-	-	9 692	44 079	30 411	546	-	-	-	-	88 339	163 378
World													
Softwood lumber (m^3)	2 119	234	73 640	728 447	804 440	5 295 724	6 720 537	706 709	126 680	1 229 750	2 063 139	22 893 747	37 778 501
Wood pulp (t)	54	-	340 834	1 087 977	1 428 865	747 956	995 114	5 613 272	654	437 938	716 205	3 733 822	7 621 961
Newsprint (t)	576 070	54	326 192	566 377	1 468 693	3 948 139	1 624 982	109 479	-	496	109 975	1 439 187	8 590 975

[a]Excluding re-exports.
[b]Including Yukon; the Yukon exported 913 m^3 of softwood lumber to the United States.

Source: Statistics Canada Source Compilation, International Trade Division.

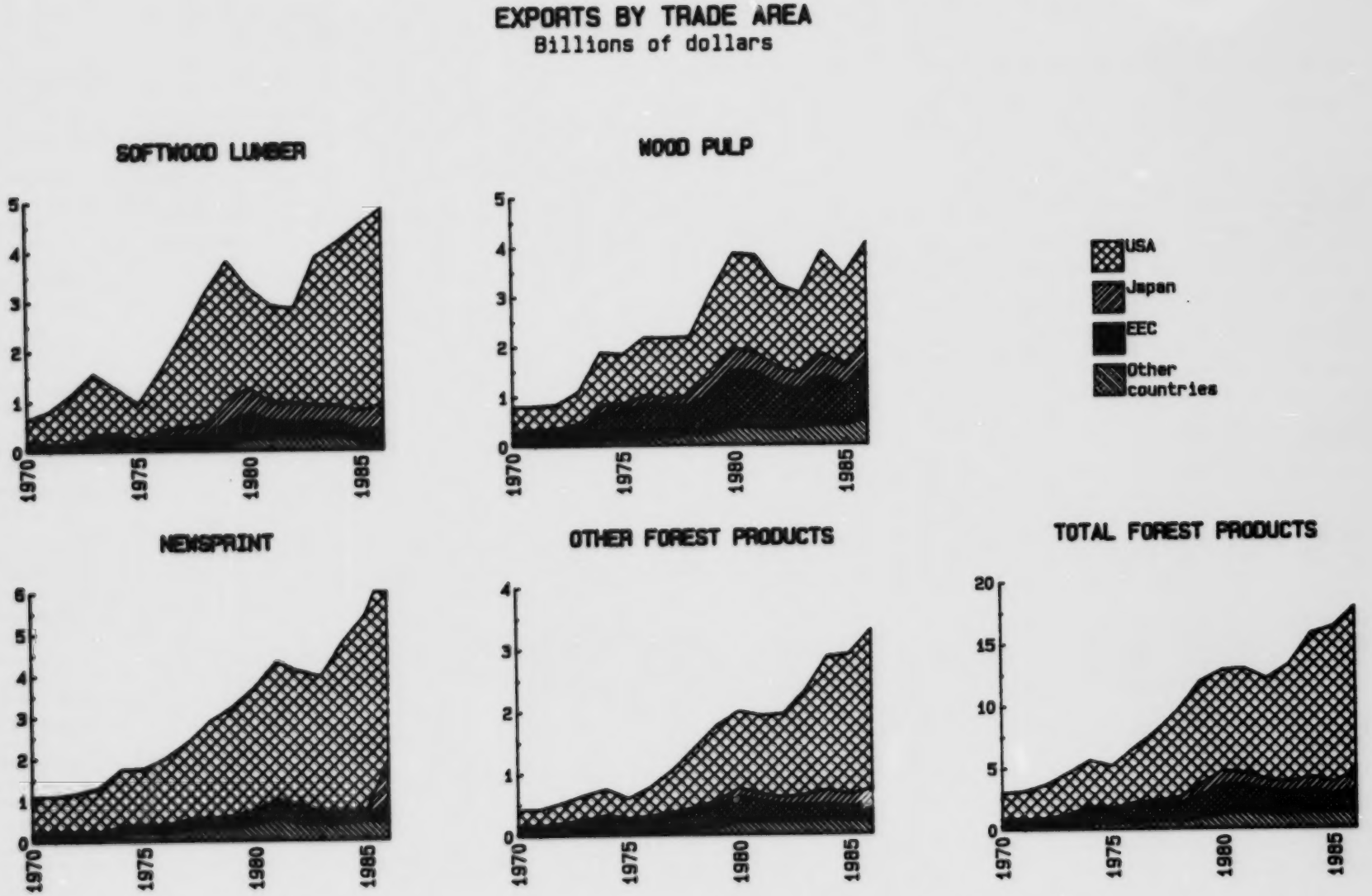

Figure 18. Exports of Canadian forest products by commodity group and principal trade area, 1970-1986.

Source: Statistics Canada, Cat. No. 65-202.

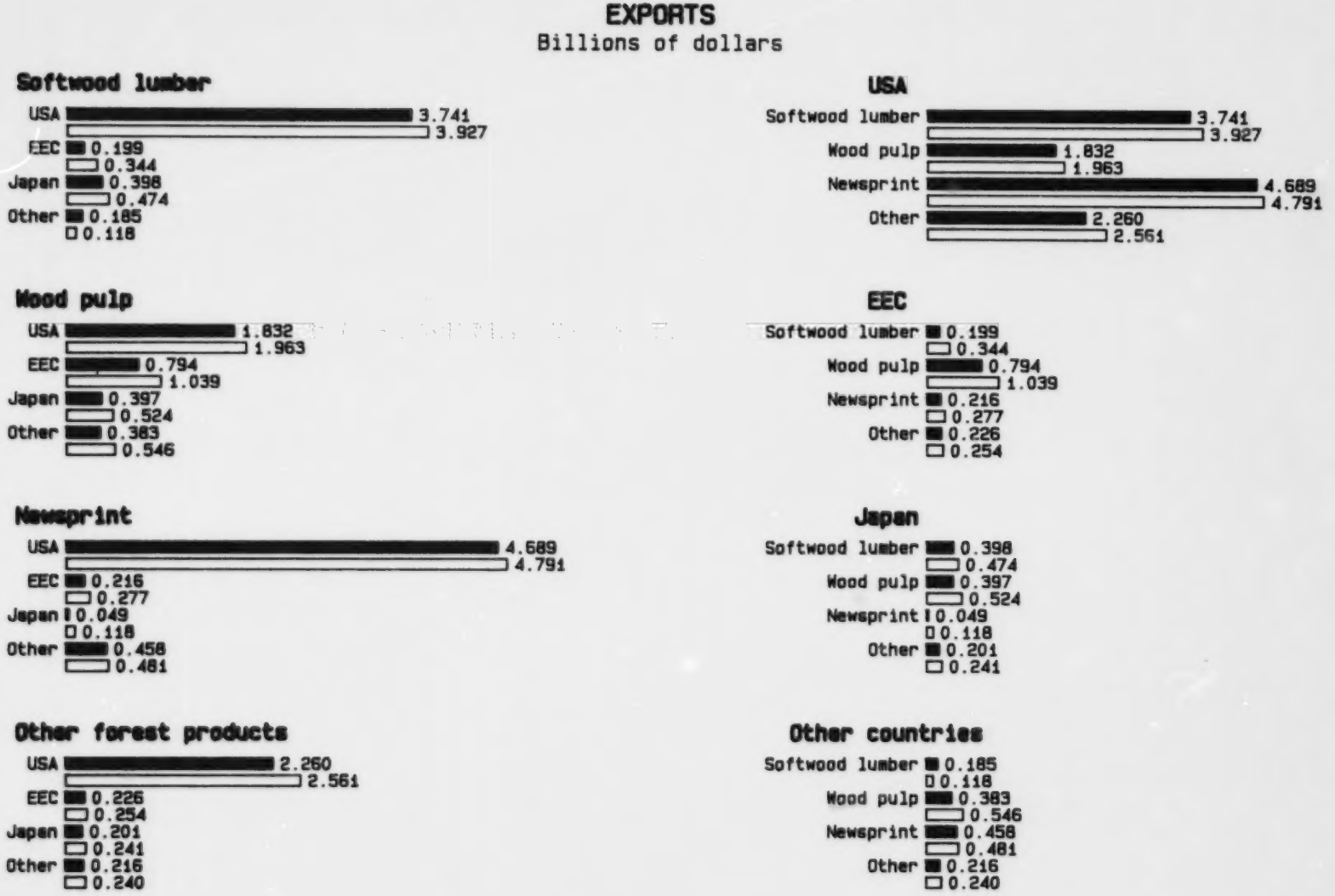

Figure 19. Exports of Canadian forest products by commodity group and principal trade area, 1985-1986.

1985 ■ 1986 □

Source: Statistics Canada, Cat. No. 65-202 and special compilation.

III - 16. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA[b], 1986

Trade area	Primary wood products		Wood-fabricated materials			Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total	Wood pulp	Newsprint	Total	
					$000			
United States	31 499	90 010	3 927 019	4 939 322	1 962 566	4 790 649	6 249 399	13 241 297
Central America	-	1 116	17 053	21 883	32 922	69 164	124 751	180 672
Mexico	-	-	8	8	30 278	6 255	6 732	37 018
South America	-	-	360	586	53 376	159 203	164 445	218 407
Brazil	-	-	-	-	5 828	57 443	57 453	63 281
Chile	-	-	42	64	-	-	140	205
Venezuela	-	-	-	197	37 296	58 626	58 882	96 375
Africa	-	-	1 757	4 486	12 911	33 099	48 385	65 782
Algeria	-	-	-	20	2 033	11 429	11 997	14 050
Morocco	-	-	383	383	379	-	-	761
Middle East - Africa	-	-	1 196	1 775	258	21 479	23 575	25 607
Europe	1 764	8 158	348 233	499 082	1 100 899	277 043	385 011	1 993 151
Western Europe	1 764	8 158	348 233	498 933	1 094 957	277 043	384 843	1 986 891
Economic Community	1 359	6 678	343 968	487 373	1 038 928	277 033	380 487	1 913 465
Belgium-Luxembourg	-	110	37 300	47 687	101 714	4 788	44 606	194 117
Denmark	-	-	131	3 541	1 937	115	135	5 613
France	1	1 218	29 763	40 552	117 559	13 179	15 306	174 636
Germany, Fed. Rep.	-	951	31 260	54 642	276 179	59 594	64 678	396 450
Greece	-	-	299	922	9 349	588	2 427	12 698
Ireland	-	-	476	2 342	5 249	2 190	2 548	10 139
Italy	1 358	4 166	18 322	27 576	181 686	5 093	7 412	220 840
Netherlands	-	84	5 409	12 372	109 870	17 730	21 535	143 861
Portugal	-	18	-	147	121	147	169	455
Spain	-	124	3 306	4 730	31 053	5 130	5 792	41 699
United Kingdom	-	7	217 702	292 861	204 211	168 479	215 879	712 958
Scandinavia	405	405	148	5 964	25 418	7	3 435	35 221
Finland	-	-	16	1 113	13 176	7	2 697	16 987
Norway	405	405	19	1 602	1 051	-	71	3 129
Sweden	-	-	112	3 249	11 190	-	667	15 106
Other Western Europe	-	1 075	4 116	5 596	30 611	3	922	38 205
Eastern Europe	-	-	-	149	5 942	-	168	6 259
USSR	-	-	-	-	10 490	-	-	10 490
Asia	43 547	214 699	496 244	522 335	856 485	256 421	378 661	1 972 180
China, People's Rep.	-	20 023	12 021	12 202	77 622	37 032	55 104	164 951
Hong Kong	-	1	108	1 662	2 501	12 944	29 869	34 033
India	-	-	44	203	40 926	25 884	26 049	67 177
Japan	43 547	186 053	473 785	487 589	524 162	117 996	159 617	1 357 422
Korea, Rep. of (South)	-	7 819	3 363	6 173	72 571	440	8 339	94 903
Middle East - Asia	-	-	6 422	7 532	12 597	6 080	20 528	40 658
Southeast Asia	-	301	83	468	55 053	44 037	61 764	117 587
Taiwan	-	502	419	6 477	54 463	9 981	13 547	74 989
Oceania	-	13	71 050	73 358	42 343	81 366	98 210	213 924
Australia	-	13	64 803	66 774	42 284	52 067	67 536	176 607
New Zealand	-	-	6 171	6 352	-	28 142	28 990	35 342
World	76 810	314 066	4 862 311	6 062 515	4 072 040	5 666 972	7 449 263	17 897 884

[a] Excluding re-exports.
[b] See Section X.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

III - 17. DOMESTIC EXPORTS[a] OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA[b], 1986

Trade area	Primary wood products		Wood fabricated materials				Paper products	
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Other wood products	Wood pulp	Newsprint	Total
	m^3	t	m^3	m^2	m^3	t	t	t
United States	**800 890**	**524 886**	**32 916 726**	**42 346 209**	**1 768 130**	**3 668 547**	**7 054 847**	**8 802 774**
Central America	**39 737**	**-**	**127 376**	**34 374**	**8 307**	**67 104**	**128 512**	**211 548**
Mexico	-	-	12	-	-	62 171	10 042	10 517
South America	**-**	**-**	**1 017**	**-**	**-**	**104 740**	**293 376**	**304 269**
Brazil	-	-	-	-	-	10 285	111 789	111 789
Chile	-	-	66	-	-	-	-	60
Venezuela	-	-	-	-	-	75 911	104 888	105 097
Africa	**-**	**-**	**11 388**	**5 509**	**3 725**	**26 575**	**67 501**	**88 690**
Algeria	-	-	-	-	-	3 997	25 983	26 954
Morocco	-	-	901	-	-	1 026	-	-
Middle East - Africa	-	-	9 465	-	503	580	41 104	46 163
Europe	**105 802**	**20 878**	**2 072 491**	**352 372**	**334 040**	**2 002 189**	**431 701**	**622 091**
Western Europe	105 802	20 878	2 072 491	352 372	333 911	1 994 062	431 701	621 896
Economic Community	82 318	16 922	2 059 494	350 440	321 793	1 888 438	431 688	613 581
Belgium-Luxembourg	231	-	159 169	2 759	20 199	180 643	5 493	89 225
Denmark	-	-	552	-	9 226	3 943	172	172
France	10 165	18	186 209	34 077	20 594	220 786	14 886	16 604
Germany, Fed. Rep.	3 755	-	85 951	188 575	40 531	499 376	92 309	98 815
Greece	-	-	1 156	-	1 111	16 323	1 002	3 974
Ireland	-	-	2 348	-	1 875	7 053	3 120	3 125
Italy	67 768	16 903	53 311	5 110	23 704	325 016	8 363	12 012
Netherlands	118	-	22 743	14 697	18 064	199 000	24 036	28 204
Portugal	54	-	-	-	162	309	275	315
Spain	204	-	9 694	2 694	2 181	57 728	9 322	10 687
United Kingdom	23	-	1 538 359	102 528	184 146	377 360	272 711	350 447
Scandinavia	-	3 956	819	-	10 562	47 830	10	7 139
Finland	-	-	168	-	1 955	22 896	10	6 446
Norway	-	3 956	130	-	2 995	2 211	-	8
Sweden	-	-	522	-	5 612	22 723	-	684
Other Western Europe	23 485	-	12 179	1 932	1 556	57 793	3	1 177
Eastern Europe	-	-	-	-	129	8 127	-	195
USSR	**-**	**-**	**-**	**-**	**-**	**15 987**	**-**	**-**
Asia	**2 331 519**	**466 024**	**2 348 123**	**31 615**	**54 078**	**1 655 730**	**464 307**	**705 560**
China, People's Rep.	365 245	-	95 090	-	211	152 596	89 105	139 212
Hong Kong	-	-	906	3 047	1 618	4 942	23 185	54 484
India	-	-	278	-	-	83 676	55 724	55 776
Japan	1 804 131	466 024	2 167 365	20 262	32 749	999 573	165 576	247 469
Korea, Rep. (South)	159 914	-	15 279	6 076	7 063	141 049	698	11 708
Middle East - Asia	-	-	67 673	-	1 070	25 396	11 191	37 902
Southeast Asia	485	-	441	2 230	329	108 702	93 101	128 246
Taiwan	1 744	-	1 090	-	11 037	108 453	20 902	22 218
Oceania	**-**	**-**	**296 733**	**99 694**	**3 176**	**80 995**	**150 690**	**156 923**
Australia	-	-	283 181	64 967	3 170	80 913	93 104	98 427
New Zealand	-	-	12 997	19 603	6	-	55 952	56 339
World	**3 280 182**	**1 011 788**	**37 778 501**	**42 871 232**	**2 171 810**	**7 621 961**	**8 590 975**	**10 892 115**

[a]Excluding re-exports.
[b]See Section X.B, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202.

III - 18. IMPORTS OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA[a], 1986

Trade area[a]	Primary wood products		Wood-fabricated materials			Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total	Wood pulp	Newsprint	Total	
					$000			
United States	**24 025**	**223 360**	**142 655**	**609 579**	**104 295**	**-**	**1 026 393**	**1 963 628**
Central America	**-**	**-**	**-**	**1 506**	**-**	**-**	**364**	**1 870**
Mexico	-	-	-	891	-	-	129	1 020
South America	**-**	**-**	**-**	**9 862**	**5 242**	**-**	**13 547**	**28 651**
Brazil	-	-	-	8 091	5 242	-	13 067	26 400
Chile	-	-	-	185	-	-	282	467
Venezuela	-	-	-	184	-	-	-	184
Africa	**-**	**-**	**-**	**2 320**	**-**	**-**	**20**	**2 340**
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-
Middle East - Africa	-	-	-	-	-	-	-	-
Europe	**-**	**2 394**	**1**	**24 602**	**343**	**-**	**242 814**	**270 153**
Western Europe	-	2 394	1	24 176	343	-	242 011	268 923
Economic Community	-	95	-	19 820	323	-	143 032	163 271
Belgium-Luxembourg	-	-	-	341	-	-	6 739	7 080
Denmark	-	-	-	1 613	-	-	655	2 268
France	-	-	-	619	-	-	26 242	26 861
Germany, Fed. Rep.	-	95	-	3 942	-	-	41 188	45 226
Greece	-	-	-	1	-	-	1	2
Ireland	-	-	-	-	-	-	196	196
Italy	-	-	-	5 346	-	-	8 405	13 751
Netherlands	-	-	-	695	7	-	15 974	16 675
Portugal	-	-	-	5 303	314	-	26	5 643
Spain	-	-	-	750	3	-	3 176	3 929
United Kingdom	-	-	-	1 208	-	-	40 432	41 640
Scandinavia	-	2 293	1	3 886	20	-	93 544	99 744
Finland	-	2 293	-	1 979	-	-	63 023	67 295
Norway	-	-	-	45	20	-	540	605
Sweden	-	-	1	1 862	-	-	29 981	31 843
Other Western Europe	-	6	-	469	-	-	5 433	5 909
Eastern Europe	-	-	-	427	-	-	803	1 230
USSR	**-**	**-**	**-**	**1 033**	**-**	**-**	**11**	**1 044**
Asia	**-**	**43**	**-**	**74 848**	**-**	**-**	**27 082**	**101 972**
China, People's Rep.	-	-	-	1 566	-	-	469	2 036
Hong Kong	-	-	-	2 566	-	-	2 319	4 885
India	-	-	-	75	-	-	24	99
Japan	-	-	-	2 063	-	-	19 997	22 060
Korea, Rep. of (South)	-	-	-	3 998	-	-	1 212	5 210
Middle East - Asia	-	-	-	3	-	-	--	3
Southeast Asia	-	-	-	42 864	-	-	561	43 425
Taiwan	-	-	-	21 003	-	-	2 498	23 502
Oceania	**-**	**11**	**15**	**335**	**56**	**-**	**419**	**821**
Australia	-	-	-	118	56	-	68	242
New Zealand	-	11	15	184	-	-	351	546
World	**24 025**	**225 808**	**142 670**	**724 086**	**138 344**	**-**	**1 310 690**	**2 398 928**

[a]See Section X.B, for details on groupings of trade areas used in this table.

Note: $27.8 million of dissolving wood pulp and special alpha are not classified to preserve confidentiality of country details.

Source: Statistics Canada Cat. No. 65-203.

III - 19. IMPORTS OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA[a], 1986

Trade area	Primary wood products		Wood-fabricated materials				Paper products	
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Other wood products	Wood pulp	Newsprint	Total[b]
	m^3	t	m^3	m^2	m^3	t	t	t
United States	**3 885 616**	**430 837**	**793 696**	**-**	**946 806**	**167 184**	**-**	**583 139**
Central America	**-**	**-**	**-**	**-**	**241**	**-**	**-**	**151**
Mexico	-	-	-	-	57	-	-	124
South America	**-**	**-**	**-**	**-**	**27 306**	**9 358**	**-**	**24 364**
Brazil	-	-	-	-	25 066	9 358	-	22 995
Chile	-	-	-	-	445	-	-	779
Venezuela	-	-	-	-	522	-	-	-
Africa	**-**	**-**	**-**	**-**	**3 355**	**-**	**-**	**10**
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-
Middle East - Africa	-	-	-	-	-	-	-	-
Europe	**1 128**	**-**	**5**	**-**	**11 650**	**710**	**-**	**166 232**
Western Europe	1 128	-	5	-	9 534	710	-	161 598
Economic Community	1 055	-	-	-	6 705	649	-	70 454
Belgium-Luxembourg	-	-	-	-	-	-	-	2 764
Denmark	-	-	-	-	1 583	-	-	117
France	-	-	-	-	20	-	-	15 566
Germany, Fed. Rep.	1 055	-	-	-	1 695	-	-	18 530
Greece	-	-	-	-	-	-	-	1
Ireland	-	-	-	-	-	-	-	213
Italy	-	-	-	-	1 373	-	-	5 998
Netherlands	-	-	-	-	464	14	-	11 347
Portugal	-	-	-	-	1 444	626	-	-
Spain	-	-	-	-	56	8	-	2 378
United Kingdom	-	-	-	-	69	-	-	13 540
Scandinavia	-	-	5	-	2 439	61	-	87 986
Finland	-	-	-	-	1 341	-	-	70 801
Norway	-	-	-	-	38	61	-	329
Sweden	-	-	5	-	1 060	-	-	16 856
Other Western Europe	72	-	-	-	390	-	-	3 158
Eastern Europe	-	-	-	-	2 117	-	-	4 635
USSR	**-**	**-**	**-**	**-**	**2 210**	**-**	**-**	**-**
Asia	**95**	**-**	**-**	**-**	**96 761**	**-**	**-**	**7 675**
China, People's Rep.	-	-	-	-	2 423	-	-	73
Hong Kong	-	-	-	-	1 503	-	-	7
India	-	-	-	-	-	-	-	-
Japan	-	-	-	-	1 050	-	-	4 944
Korea, Rep. of (South)	-	-	-	-	-	-	-	110
Middle East - Asia	-	-	-	-	-	-	-	-
Southeast Asia	-	-	-	-	74 513	-	-	2 254
Taiwan	-	-	-	-	16 383	-	-	286
Oceania	**-**	**-**	**61**	**-**	**239**	**123**	**-**	**215**
Australia	-	-	-	-	196	123	-	-
New Zealand	-	-	61	-	-	-	-	215
World	**3 886 839**	**430 837**	**793 762**	**-**	**1 088 569**	**224 966**	**-**	**781 795**

[a]See Section X.B, for details on groupings of trade areas used in this table.
[b]Includes St. Pierre and Miquelon and Greenland.

Source: Statistics Canada Cat. No. 65-203.

III - 20. BALANCE OF TRADE OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND TRADE AREA[a], 1986

Trade area	Primary wood products		Wood-fabricated materials			Paper products		Total forest products
	Wood chips	Total	Softwood lumber	Total	Wood pulp	Newsprint	Total	
					$000			
United States	7 892	-132 885[b]	3 784 675	4 336 583	1 858 686	4 790 993	5 239 610	11 301 994
Central America	-	1 116	17 252	20 830	32 922	69 164	124 461	179 329
Mexico	-	-	8	-883	30 278	6 255	6 603	35 998
South America	-	-	360	-9 276	48 134	159 203	150 911	189 768
Brazil	-	-	-	-8 091	585	57 443	44 395	36 890
Chile	-	-	42	-121	-	-	-141	-262
Venezuela	-	-	-	13	37 296	58 626	58 882	96 191
Africa	-	-	1 757	2 627	12 911	33 099	48 373	63 911
Algeria	-	-	-	20	2 033	11 429	11 997	14 050
Morocco	-	-	383	383	379	-	-	761
Middle East - Africa	-	-	1 196	1 993	258	21 479	23 575	25 825
Europe	1 764	7 340	348 407	522 483	1 100 556	277 043	142 527	1 772 905
Western Europe	1 764	7 340	348 407	522 762	1 094 614	277 043	143 160	1 767 875
Economic Community	1 359	8 141	344 143	511 169	1 038 604	277 033	237 755	1 795 668
Belgium-Luxembourg	-	274	37 313	53 260	101 714	4 788	37 870	193 119
Denmark	-	-	131	3 121	1 937	115	-517	4 541
France	1	2 240	29 763	49 384	117 559	13 179	-10 893	158 291
Germany, Fed. Rep.	-	1 203	31 260	61 174	276 179	59 594	23 611	362 166
Greece	-	-	299	1 025	9 349	588	2 426	12 800
Ireland	-	-	480	3 011	5 249	2 190	2 353	10 612
Italy	1 358	4 185	18 322	24 239	181 686	5 093	-992	209 118
Netherlands	-	84	5 409	17 781	109 863	17 730	5 561	133 290
Portugal	-	18	-	-5 071	-194	147	143	-5 104
Spain	-	130	3 306	4 532	31 050	5 130	2 628	38 340
United Kingdom	-	7	217 861	298 714	204 211	168 479	175 563	678 496
Scandinavia	405	-1 888	147	6 281	25 398	7	-90 085	-60 294
Finland	-	-2 293	16	42	13 176	7	-60 313	-49 388
Norway	405	405	19	2 086	1 032	-	-469	3 053
Sweden	-	-	112	4 153	11 190	-	-29 303	-13 960
Other Western Europe	-	1 088	4 116	5 312	30 611	3	-4 511	32 501
Eastern Europe	-	-	-	-278	5 942	-	-634	5 030
USSR	-	-	-	-991	10 490	-	-11	9 488
Asia	44 038	216 136	496 294	450 250	856 485	256 421	351 653	1 874 525
China, People's Rep.	-	20 023	12 021	10 636	77 622	37 032	54 635	162 916
Hong Kong	-	1	108	-881	2 501	12 944	27 568	29 190
India	-	6	44	128	40 926	25 884	26 028	67 087
Japan	44 038	186 607	473 785	487 084	524 162	117 996	139 669	1 337 523
Korea, Rep. of (South)	-	8 426	3 363	2 454	72 571	440	7 127	90 578
Middle East - Asia	-	-	6 472	7 799	12 597	6 080	20 530	40 926
Southeast Asia	-	301	83	-42 396	55 053	44 037	61 204	74 162
Taiwan	-	815	419	-13 910	54 463	9 981	11 049	52 416
Oceania	-	2	71 063	73 198	42 286	81 366	97 857	213 343
Australia	-	13	64 831	66 831	42 228	52 067	67 487	176 559
New Zealand	-	-11	6 156	6 168	-	28 142	28 686	34 843
World	53 693	91 780	4 720 406	5 397 165	3 934 112	5 667 316	6 155 741	15 578 797

[a]See Section X, for details on groupings of trade areas used in this table.
[b]The - sign means deficit.

Source: Statistics Canada Cat. No. 65-202.

III - 21. BALANCE OF TRADE OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND TRADE AREA[a], 1986

Trade area	Primary wood products		Wood-fabricated materials				Paper products	
	Roundwood	Wood chips	Softwood lumber	Shingles and shakes	Other wood products	Wood pulp	Newsprint	Total
	m^3	t	m^3	m^2	m^3	t	t	t
United States	**-3 084 662**	**98 478**	**32 124 580**	**42 356 995**	**826 816**	**3 502 208**	**7 055 263**	**8 224 345**
Central America	**39 737**	**-**	**127 870**	**34 374**	**8 699**	**67 104**	**128 512**	**211 398**
Mexico	-	-	12	-	-57	62 171	10 042	10 392
South America	**-**	**-**	**1 017**	**-**	**-27 306**	**95 381**	**293 376**	**279 905**
Brazil	-	-	-	-	-25 066	926	111 789	88 794
Chile	-	-	66	-	-445	-	-	-719
Venezuela	-	-	-	-	-522	75 911	104 888	105 097
Africa	**-**	**-**	**11 388**	**5 509**	**1 113**	**26 575**	**67 501**	**88 679**
Algeria	-	-	-	-	-	3 997	25 983	26 954
Morocco	-	-	901	-	-	1 026	-	-
Middle East - Africa	-	-	9 465	-	857	580	41 104	46 163
Europe	**114 405**	**20 878**	**2 074 310**	**352 372**	**403 513**	**2 001 479**	**431 701**	**455 977**
Western Europe	114 405	20 878	2 074 310	352 372	405 500	1 993 352	431 701	460 417
Economic Community	90 920	16 922	2 061 318	350 440	390 229	1 887 789	431 688	543 238
Belgium-Luxembourg	1 663	-	159 238	2 759	35 311	180 643	5 493	86 474
Denmark	-	-	552	-	9 392	3 943	172	54
France	14 618	18	186 209	34 077	35 502	220 786	14 886	1 040
Germany, Fed. Rep.	6 419	-	85 951	188 575	55 987	499 376	92 309	80 379
Greece	-	-	1 156	-	1 293	16 323	1 002	3 973
Ireland	-	-	2 355	-	2 842	7 053	3 120	2 913
Italy	67 799	16 903	53 311	5 110	27 310	325 916	8 363	6 014
Netherlands	118	-	22 743	14 697	26 446	198 985	24 036	16 857
Portugal	54	-	-	-	-1 217	-316	275	315
Spain	227	-	9 694	2 694	3 900	57 720	9 322	8 309
United Kingdom	23	-	1 540 108	102 528	193 462	377 360	272 711	336 909
Scandinavia	-	3 956	814	-	13 822	47 769	10	-80 840
Finland	-	-	168	-	1 994	22 896	10	-64 355
Norway	-	3 956	130	-	3 705	2 150	-	-321
Sweden	-	-	517	-	8 122	22 723	-	-16 164
Other Western Europe	23 485	-	12 179	1 932	1 450	57 793	3	-1 981
Eastern Europe	-	-	-	-	-1 988	8 127	-	-4 440
USSR	**-**	**-**	**-**	**-**	**-2 210**	**15 987**	**-**	**-**
Asia	**2 335 605**	**471 489**	**2 348 189**	**31 615**	**-38 335**	**1 655 730**	**464 307**	**697 902**
China, People's Rep.	365 245	-	95 090	-	-2 212	152 596	89 105	139 138
Hong Kong	-	-	906	3 047	163	4 942	23 185	54 478
India	18	-	278	-	-	83 676	55 724	55 776
Japan	1 804 290	471 489	2 167 365	20 262	33 878	999 573	165 576	242 540
Korea, Rep. of (South)	162 505	-	15 279	6 076	7 570	141 049	698	11 599
Middle East - Asia	-	-	67 739	-	1 405	25 396	11 191	37 902
Southeast Asia	485	-	441	2 230	-74 184	108 702	93 101	125 991
Taiwan	3 157	-	1 090	-	-4 100	108 453	20 902	21 932
Oceania	**-**	**-**	**296 766**	**99 694**	**3 114**	**80 871**	**150 690**	**156 710**
Australia	-	-	283 275	64 967	3 151	80 790	93 104	98 428
New Zealand	-	-	12 936	19 603	6	-	55 952	56 124
World	**-592 682**	**590 845**	**36 988 767**	**42 882 018**	**1 175 758**	**7 397 841**	**8 591 391**	**10 115 168**

[a]See Section X, for details on groupings of trade areas used in this table.

Source: Statistics Canada Cat. No. 65-202 and 65-203.

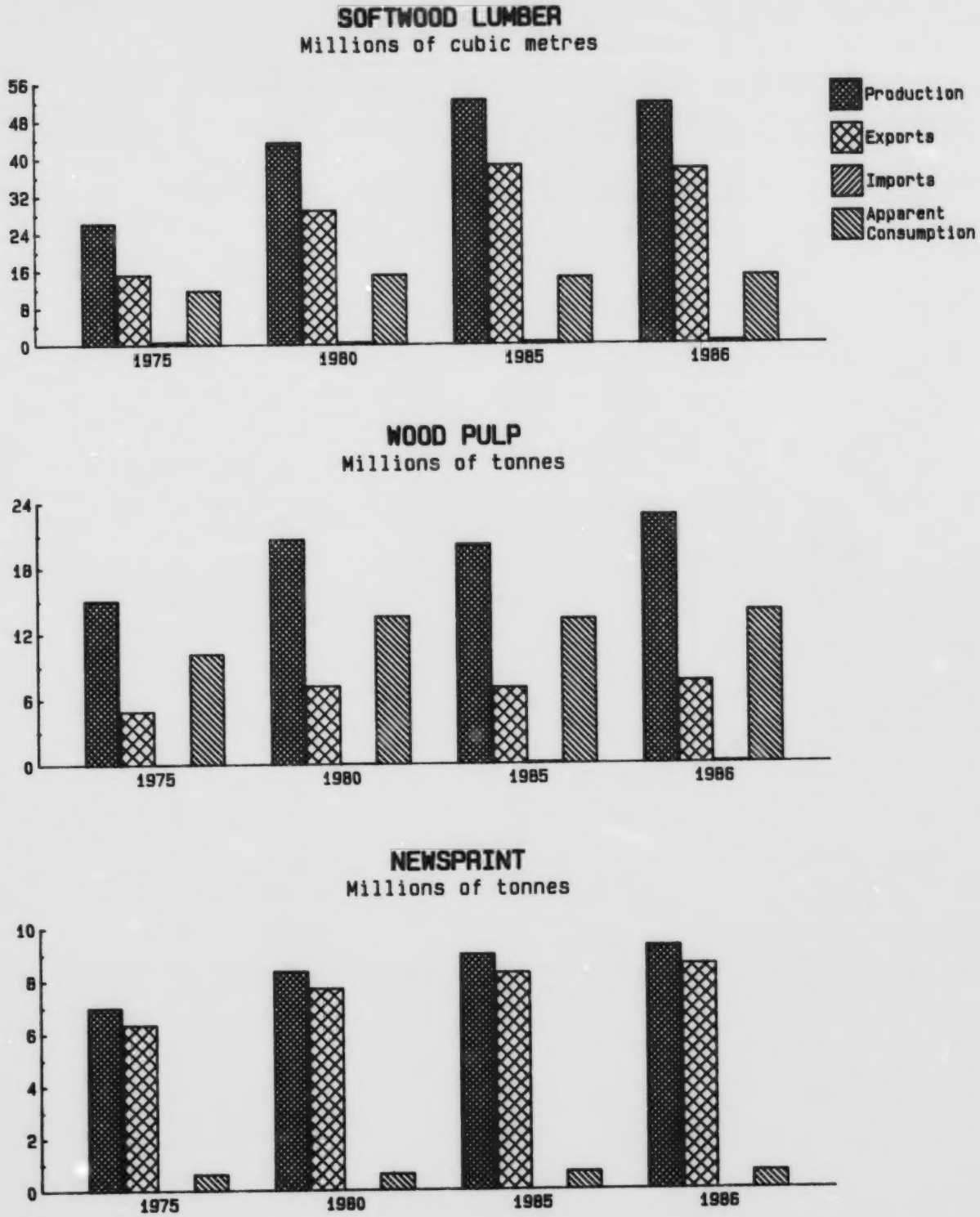

Figure 20. Production, trade and apparent domestic consumption of selected forest products, 1975-1986.

Source: Statistics Canada, Cat. No. 25-201, 35-204, 36-204, 65-202 and 65-203.

SECTION IV

PRINCIPAL STATISTICS

The **Census of Manufactures** is an annual survey of establishments primarily engaged in manufacturing, together with associated head offices, sales offices, and auxiliary units classified according to manufacturing industries. An establishment, usually a plant or a mill, is the smallest operating unit for which it is possible to provide a specified range of basic industrial statistics (essentially, employment data and the elements of input and output necessary to calculate value added).

Establishments providing data for the Census of Manufactures are classified according to the Standard Industrial Classification (SIC) system. Data are assigned to the various industries on the basis of the principal activity of the establishment.

This **classification system** is revised every 10 years and commencing with the 1983 data year, the Census of Manufactures has been compiled according to the 1980 version of the SIC.

In this section, 1970-1981 data have been compiled according to the 1970 version of the SIC and 1982-1985 according to the **1980 version.**

Detailed definitions of all industries covered by this section can be found in the publication "Standard Industrial Classification, 1980," Catalogue 12-501.

The **headings** used in the principal statistics tables are **briefly described** in section X.A, "User's guide - Definition of terms." For detailed definitions and some qualifications to the preceding explanations, see "Concepts and Definitions of the Census of Manufactures," Catalogue 31-528.

IV - 1. FOREST INDUSTRIES BY SECTOR, 1985

Sector	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employees[a]	Total activity: Salaries and wages	Total activity: Total value added
			1 000			$000 000			Number	$000 000	
Logging	3 739	40 733	78 567	1 100	219	3 059	5 462	2 167	45 962	1 294	2 187
Wood industries	3 476	90 988	189 083	2 204	369	6 164	11 122	4 624	107 560	2 740	4 688
Paper and allied industries	688	86 477	182 423	2 699	1 831	8 712	18 075	7 555	114 187	3 745	7 524
Total forest industries (A)	**7 903**	**218 198**	**450 073**	**6 003**	**2 419**	**17 935**	**34 659**	**14 346**	**267 709**	**7 779**	**14 399**
Total manufacturing industries	36 854	1 305 126	2 734 452	31 072	7 408	145 817	248 493	95 875	1 766 763	46 208	101 358
Logging and manufacturing industries (B)	**40 593**	**1 345 859**	**2 813 019**	**32 072**	**7 627**	**148 876**	**253 955**	**98 042**	**1 812 725**	**47 502**	**103 545**
Percentage A from B	19.5	16.2	16.0	18.7	31.7	12.0	13.6	14.6	14.8	16.4	13.9

[a]Excluding 2399 working owners and partners in the forest sector.

Source: Statistics Canada Cat. No. 25-201, 25-202, and 31-203.

STANDARD INDUSTRIAL CLASSIFICATION

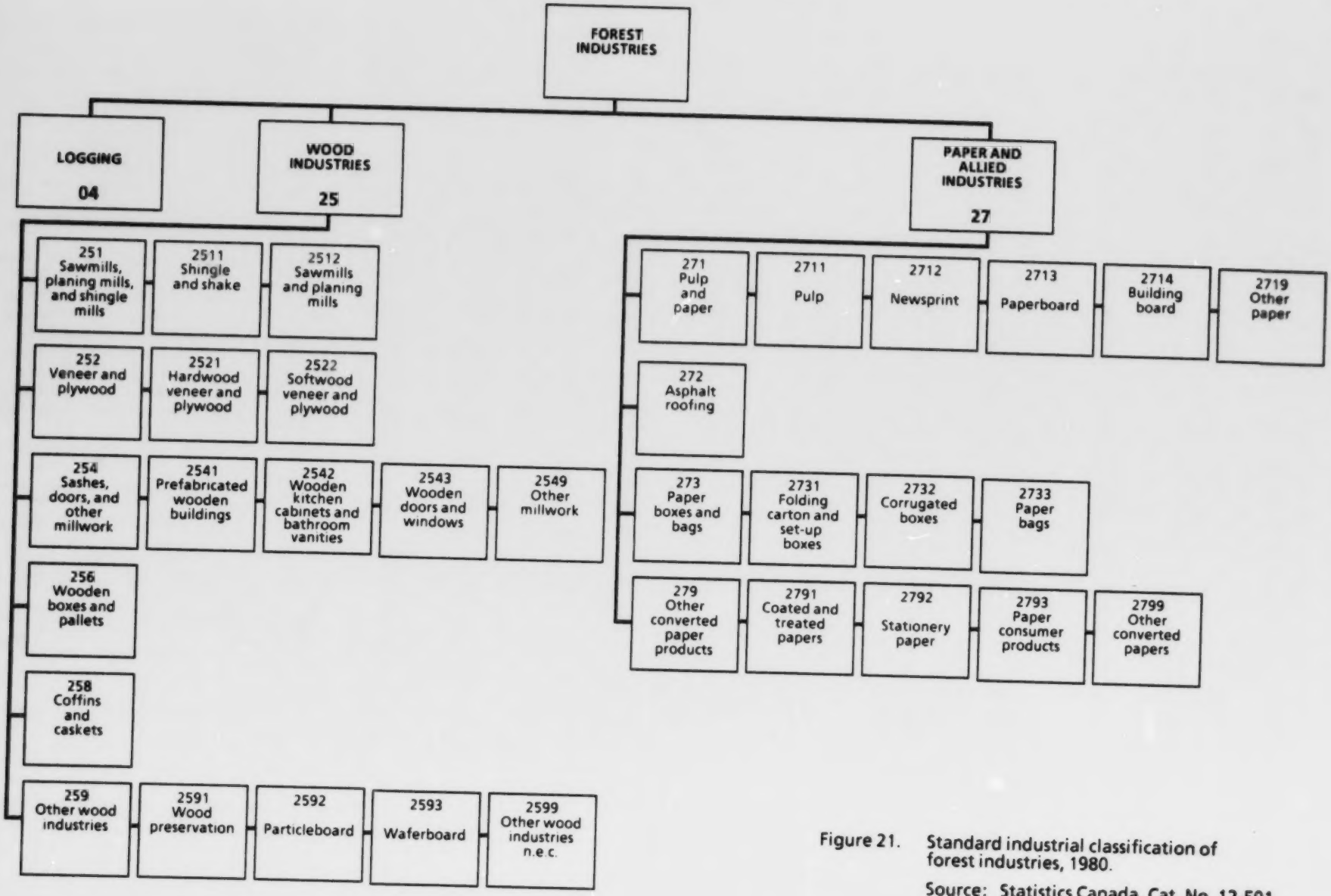

Figure 21. Standard industrial classification of forest industries, 1980.

Source: Statistics Canada, Cat. No. 12-501.

IV - 2. WOOD INDUSTRIES, 1985

Sector	S.I.C.[b]	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employees[a]: Number	Total activity: Salaries and wages	Total activity: Total value added
				1 000	$000 000						$000 000	
Sawmill, planing mill, and shingle mill products	**251**	**1 318**	**51 773**	**107 820**	**1 407**	**258**	**3 976**	**7 059**	**2 854**	**61 233**	**1 731**	**2 864**
Shingle and shake industry	2 511	107	2 157	4 213	52	4	115	196	77	2 272	56	77
Sawmills and planing mills	2 512	1 211	49 616	103 606	1 355	254	3 861	6 863	2 777	58 961	1 676	2 786
Veneer and plywood industry	**252**	**82**	**7 932**	**15 801**	**210**	**33**	**486**	**888**	**363**	**9 058**	**251**	**370**
Hardwoods	2 521	56	3 496	6 812	65	10	207	343	128	4 121	84	136
Softwoods	2 522	26	4 436	8 989	146	23	279	545	236	4 937	167	234
Sash, door, and other millwork	**254**	**1 512**	**21 469**	**45 157**	**390**	**33**	**1 066**	**2 045**	**951**	**25 884**	**514**	**995**
Prefabricated wooden building industry	2 541	80	1 516	3 093	28	3	145	233	88	2 323	50	112
Wooden kitchen cabinet, bathroom vanity industry	2 542	698	6 838	14 298	119	8	224	502	271	7 922	147	271
Wooden door and window ind.	2 543	386	7 674	15 803	141	12	442	810	356	9 293	189	366
Other millwork industries	2 549	348	5 441	11 962	102	10	254	500	236	6 346	128	246
Wooden box and pallet industry	**256**	**193**	**2 493**	**4 966**	**40**	**5**	**110**	**198**	**86**	**2 853**	**49**	**86**
Coffin and casket industry	**258**	**27**	**653**	**1 326**	**11**	**1**	**20**	**41**	**22**	**753**	**14**	**22**
Other wood industries	**259**	**344**	**6 668**	**14 013**	**146**	**40**	**507**	**890**	**349**	**7 779**	**180**	**352**
Wood preservation	2 591	51	1 070	2 197	27	6	150	214	63	1 348	36	65
Particleboard	2 592	23	1 353	2 872	36	14	120	228	94	1 683	47	93
Waferboard	2 593	11	1 269	2 705	36	15	116	232	101	1 530	45	102
Other wood industries	2 599	259	2 976	6 239	46	5	121	216	91	3 218	52	92
Wood industries	**25**	**3 476**	**90 988**	**189 083**	**2 204**	**369**	**6 164**	**11 122**	**4 624**	**107 560**	**2 740**	**4 688**

[a]Excluding 817 working owners and partners.
[b]1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 35-250.

IV - 3. PAPER AND ALLIED INDUSTRIES, 1985

Sector	S.I.C.[b]	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employee[a]: Number	Total activity: Salaries and wages	Total activity: Total value added
				1 000			$000 000				$000 000	
Pulp and paper industries	**271**	**137**	**58 830**	**126 105**	**2 047**	**1 751**	**5 867**	**13 407**	**5 773**	**77 562**	**2 811**	**5 720**
Pulp industry	2 711	37	13 999	30 141	507	408	1 922	3 545	1 191	18 495	705	1 153
Newsprint industry	2 712	42	28 786	61 296	1 036	957	2 477	6 631	3 207	37 734	1 410	3 204
Paperboard industry	2 713	27	5 983	12 567	200	213	533	1 325	575	7 610	261	578
Building board industry	2 714	5	666	1 369	16	15	25	84	47	762	19	47
Other paper industries	2 719	26	9 396	20 732	288	157	910	1 822	753	12 961	415	738
Asphalt roofing industry	**272**	**18**	**1 177**	**2 472**	**29**	**13**	**223**	**367**	**134**	**1 562**	**41**	**136**
Paper box and bag industries	**273**	**251**	**14 919**	**30 065**	**366**	**35**	**1 493**	**2 369**	**848**	**19 174**	**504**	**847**
Folding carton and set-up box industry	2 731	104	5 453	11 046	127	8	401	704	299	6 632	166	299
Corrugated box industry	2 732	115	7 795	15 675	202	23	917	1 394	458	10 339	285	456
Paper bag industry	2 733	32	1 671	3 344	37	3	176	271	92	2 203	53	92
Other converted paper products industries	**279**	**282**	**11 551**	**23 781**	**257**	**32**	**1 128**	**1 931**	**799**	**15 889**	**389**	**821**
Coated and treated paper	2 791	45	2 474	5 017	52	7	242	406	161	3 433	81	163
Stationary paper products	2 792	77	2 931	6 260	65	4	209	403	193	4 120	100	202
Paper consumer products	2 793	15	1 508	3 007	38	5	288	442	164	2 255	62	163
Other converted paper products	2 799	145	4 638	9 496	101	15	390	681	281	6 081	146	293
Paper and allied industries	**27**	**688**	**86 477**	**182 423**	**2 699**	**1 831**	**8 712**	**18 075**	**7 555**	**114 187**	**3 745**	**7 524**

[a]Excluding 23 working owners and partners.
[b]1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 36-250.

IV - 4. FOREST INDUSTRIES SUMMARY[a], 1965-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[b]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	7 363	216 375	475 944	1 046	215	2 855	5 555	2 530	262 469	1 349	2 581
1970	6 613	210 714	453 298	1 475	279	3 782	7 264	3 224	261 139	1 942	3 313
1971	6 242	208 625	445 902	1 592	318	4 006	7 731	3 433	258 839	2 090	3 519
1972	6 533	219 284	467 590	1 810	347	4 628	9 091	4 090	271 010	2 364	4 213
1973	6 840	237 514	500 889	2 155	398	5 844	11 431	5 387	292 324	2 793	5 562
1974	7 010	239 726	505 789	2 511	570	6 947	14 033	6 772	297 386	3 281	6 937
1975	6 330	222 915	446 718	2 489	562	6 574	13 110	6 151	278 681	3 336	6 286
1976	5 679	230 527	475 417	3 118	748	8 191	15 961	7 281	286 263	4 064	7 428
1977	5 320	229 348	471 405	3 455	901	8 912	17 888	8 130	282 568	4 482	8 234
1978	5 906	243 312	503 793	3 944	1 077	10 491	21 109	9 610	299 540	5 076	9 762
1979	6 784	249 993	517 679	4 416	1 244	12 964	25 317	11 520	307 580	5 680	11 830
1980	7 368	243 736	503 124	4 750	1 411	14 247	27 459	12 062	301 987	6 180	12 285
1981	7 428	233 790	473 013	5 011	1 703	14 841	28 601	12 180	291 996	6 624	12 295
1982	7 100	201 420	399 323	4 667	1 886	13 252	25 424	10 147	254 875	6 315	10 234
1983	7 633	211 645	431 978	5 355	2 109	15 370	29 326	11 976	262 216	6 987	12 085
1984	7 933	219 800	446 869	5 680	2 375	16 950	32 809	13 684	269 913	7 381	13 734
1985	7 903	218 198	450 073	6 003	2 419	17 935	34 659	14 346	267 709	7 779	14 399

[a]Logging, wood industries, and paper and allied industries.
[b]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-201 and 25-202.

IV - 5. FOREST INDUSTRIES SUMMARY BY PROVINCE, 1985

Province or territory	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
Nfld.	137	x	x	x	x	x	x	x	x	x	x
P.E.I.	32	x	x	2	x	x	x	x	x	x	x
N.S.	336	5 408	11 390	118	68	351	758	336	6 569	158	333
N.B.	418	9 920	20 839	257	198	872	1 653	570	12 204	334	566
Que.	2 034	65 148	133 674	1 605	787	4 599	9 578	4 248	81 621	2 138	4 260
Ont.	1 686	58 341	123 705	1 510	518	4 829	9 088	3 759	72 679	2 013	3 780
Man.	159	3 328	6 908	71	25	241	452	192	4 053	95	194
Sask.	142	x	x	x	x	x	x	x	x	x	x
Alta.	363	6 755	13 946	185	39	591	1 113	480	8 364	241	499
B.C.	2 595	64 201	129 294	2 115	689	6 081	11 266	4 471	75 941	2 619	4 468
Yukon and N.W.T.	1	x	x	x	x	x	x	x	x	x	x
Total	**7 903**	**218 198**	**450 073**	**6 003**	**2 419**	**17 935**	**34 659**	**14 346**	**267 709**	**7 779**	**14 399**

[a]Excluding 2399 working owners and partners.

Source: Statistics Canada Cat. No. 25-201 and 25-202.

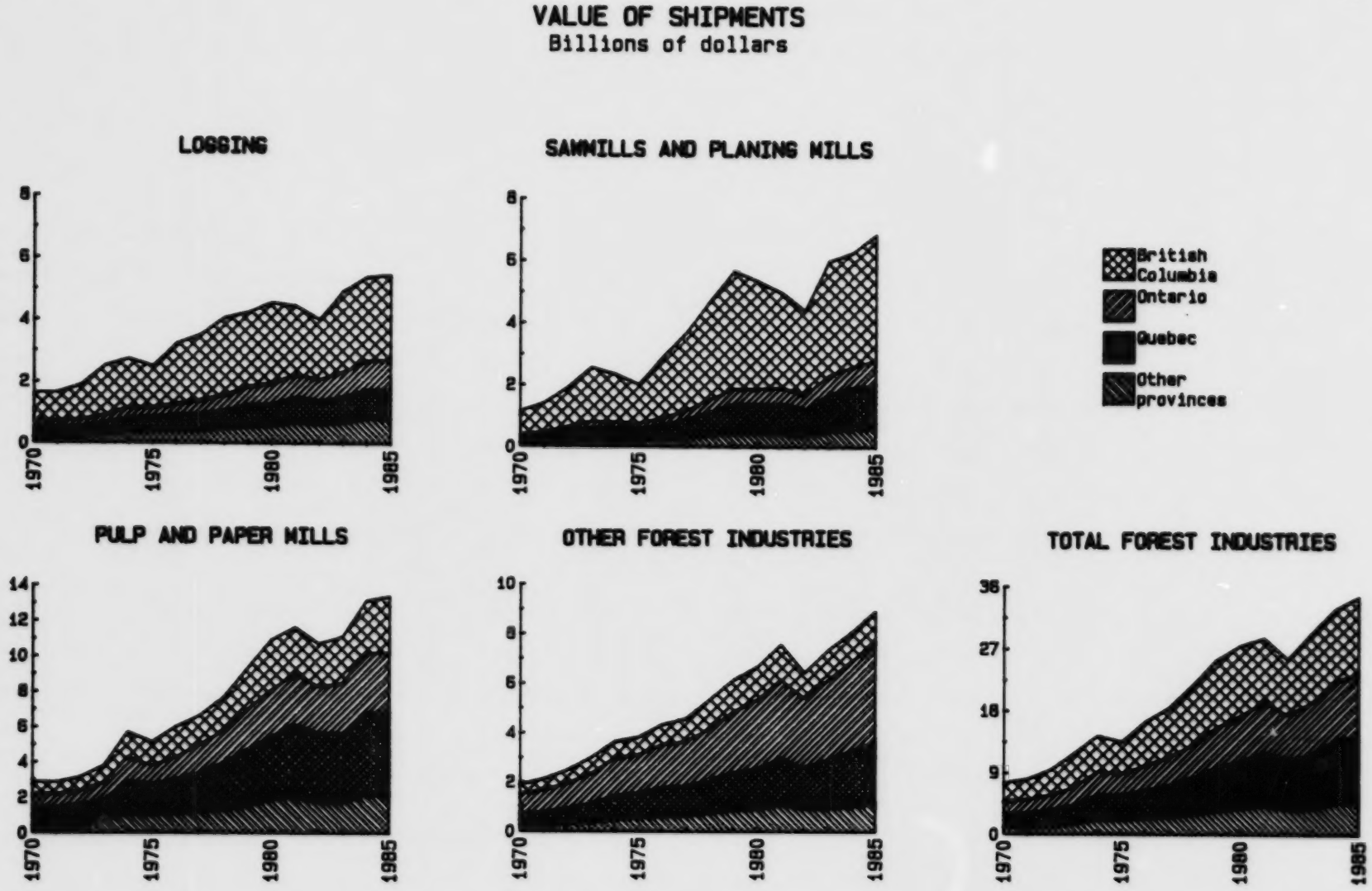

Figure 22. Value of shipments of goods of own manufacture in the forest industries by sector and region, 1970-1985.

Source: Statistics Canada, Cat. No. 25-201 and 25-202.

IV - 6. LOGGING BY PROVINCE, 1985

Province or territory	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employees[a]: Number	Total activity: Total employees[a]: Salaries and wages	Total activity: Total value added
			1 000	$000 000						$000 000	
Nfld.	61	1 048	1 915	22	4	51	98	41	1 205	28	43
P.E.I.	7	x	x	x	x	x	x	x	x	x	x
N.S.	180	1 289	2 652	21	4	98	153	50	1 472	27	51
N.B.	255	2 334	4 381	47	16	200	351	130	2 831	61	130
Que.	721	9 494	17 158	213	48	469	958	442	10 802	257	448
Ont.	518	7 313	15 207	218	46	502	949	388	8 482	260	390
Man.	40	348	703	9	1	33	51	19	423	12	19
Sask.	74	446	809	11	4	41	70	24	532	15	26
Alta.	110	603	1 111	17	3	61	95	33	714	22	32
Prairies	224	1 397	2 623	37	8	135	216	76	1 669	49	77
B.C.	1 772	17 845	34 611	541	92	1 604	2 737	1 040	19 488	611	1 048
Others	8	13	20	--	--	--	--	--	13	1	--
Total	**3 739**	**40 733**	**78 567**	**1 100**	**219**	**3 059**	**5 462**	**2 167**	**45 962**	**1 294**	**2 187**

[a]Excluding 1559 working owners and partners.

Source: Statistics Canada Cat. No. 25-201 and 25-202.

IV - 7. WOOD INDUSTRIES BY PROVINCE, 1985

Province or territory	Manufacturing activity								Total activity		
		Production and related workers							Total employees[a]		
	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
Nfld.	68	349	698	5	1	15	26	9	445	6	10
P.E.I.	25	147	272	2	--	6	10	3	208	4	7
N.S.	142	1 734	3 581	26	5	72	138	60	1 995	31	63
N.B.	145	3 273	7 248	60	14	208	344	123	3 764	72	123
Atlantic provinces	380	5 503	11 799	93	20	301	518	195	6 412	113	203
Que.	1 101	24 533	51 126	456	85	1 428	2 566	1 085	29 588	585	1 099
Ont.	851	19 777	42 602	399	67	1 140	2 103	903	23 207	508	913
Man.	96	1 781	3 618	31	3	88	162	75	2 104	41	76
Sask.	63	1 049	2 123	28	6	70	126	51	1 260	34	52
Alta.	222	4 441	9 182	114	19	292	556	242	5 386	144	264
Prairies	381	7 271	14 923	173	28	450	844	368	8 750	219	392
B.C.	763	33 904	68 549	1 083	168	2 846	5 092	2 072	39 603	1 314	2 082
Yukon and N.W.T.	-	-	-	-	-	-	-	-	-	-	-
Total	**3 476**	**90 988**	**189 083**	**2 204**	**369**	**6 164**	**11 122**	**4 624**	**107 560**	**2 740**	**4 688**

[a]Excluding 817 working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 8. PAPER AND ALLIED INDUSTRIES BY PROVINCE, 1985

Province or territory	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
Nfld.	8	x	x	x	x	x	x	x	x	x	x
P.E.I.	-	-	-	-	-	-	-	-	-	-	-
N.S.	14	2 385	5 157	71	59	181	467	226	3 102	100	219
N.B.	18	4 313	9 210	150	168	464	958	317	5 609	201	313
Que.	212	31 121	65 307	936	654	2 702	6 054	2 721	41 231	1 296	2 713
Ont.	317	31 251	65 896	893	405	3 187	6 036	2 468	40 990	1 245	2 477
Man.	23	1 199	2 587	31	21	120	239	98	1 526	42	99
Sask.	5	x	x	x	x	x	x	x	x	x	x
Alta.	31	1 711	3 653	54	17	238	462	205	2 264	75	203
B.C.	60	12 452	26 134	491	429	1 631	3 437	1 359	16 850	694	1 338
Yukon and N.W.T.	-	-	-	-	-	-	-	-	-	-	-
Total	**688**	**86 477**	**182 423**	**2 699**	**1 831**	**8 712**	**18 075**	**7 555**	**114 187**	**3 745**	**7 524**

[a]Excluding 23 working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 9. INDUSTRIAL ROUNDWOOD PRODUCTION AND VALUE ADDED BY THE FOREST INDUSTRY, 1970-1985

Year	Industrial roundwood production	Value added, manufacturing activity						Value added, total activity					
			Wood industries		Paper and allied industries				Wood industries		Paper and allied industries		
		Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Total forest industries	Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Total forest industries
	1 000 m^3							$000 000					
1970	117 324	683	436	790	1 323	1 781	3 254	694	439	802	1 331	1 817	3 313
1971	117 991	686	572	1 003	1 273	1 772	3 461	698	574	1 017	1 277	1 804	3 519
1972	120 748	814	865	1 397	1 374	1 928	4 139	829	869	1 422	1 380	1 962	4 213
1973	140 343	1 089	1 275	1 947	1 804	2 439	5 475	1 109	1 280	1 977	1 813	2 476	5 562
1974	134 416	1 221	976	1 708	3 034	3 888	6 817	1 244	983	1 748	3 049	3 945	6 937
1975	111 497	1 098	849	1 655	2 569	3 398	6 151	1 126	851	1 690	2 601	3 470	6 286
1976	135 227	1 300	1 262	2 207	2 845	3 774	7 281	1 348	1 268	2 236	2 876	3 844	7 428
1977	141 580	1 400	1 719	2 726	3 056	4 004	8 130	1 440	1 723	2 762	3 070	4 032	8 234
1978	150 918	1 564	2 257	3 507	3 504	4 539	9 610	1 647	2 260	3 550	3 508	4 565	9 762
1979	156 464	1 822	2 610	3 965	4 539	5 733	11 520	2 053	2 617	4 021	4 531	5 756	11 830
1980	150 649	1 927	2 085	3 398	5 350	6 737	12 062	2 049	2 089	3 466	5 355	6 770	12 285
1981	139 084	1 857	1 828	3 379	5 406	6 944	12 180	1 883	1 827	3 447	5 401	6 965	12 295
1982	121 343	1 616	1 489	2 662	4 535	5 869	10 147	1 650	1 494	2 708	4 515	5 876	10 234
1983	150 724	2 105	2 455	3 942	4 410	5 929	11 976	2 152	2 463	3 993	4 380	5 940	12 085
1984	160 867	2 172	2 410	4 006	5 845	7 506	13 684	2 191	2 410	4 051	5 802	7 492	13 734
1985	161 985	2 167	2 777	4 624	5 773	7 555	14 346	2 187	2 786	4 688	5 720	7 524	14 399

Source: Statistics Canada Cat. No. 25-201 and 25-202.

IV - 10. INDUSTRIAL ROUNDWOOD PRODUCTION AND VALUE ADDED BY THE FOREST INDUSTRY BY PROVINCE, 1985

Province or territory	Industrial roundwood production	Value added, manufacturing activity							Value added, total activity						
			Wood industries		Paper and allied industries					Wood industries		Paper and allied industries			
		Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Total forest industries		Logging	Sawmills, planing mills	Total	Pulp and paper industries	Total	Total forest industries	
	1 000 m^3	$000 000						%	$000 000						%
Nfld.	1 952	41	5	9	x	x	x	x	43	5	10	x	x	x	x
P.E.I.	128	x	1	3	x	-	x	x	x	1	7	x	-	x	x
N.S.	3 144	50	32	60	200	226	336	2.3	51	32	63	193	219	333	2.3
N.B.	7 558	130	79	123	304	317	570	4.0	130	79	123	300	313	566	3.9
Atlantic provinces	12 782	x	117	195	x	x	x	x	x	117	203	x	x	x	x
Que.	32 843	442	570	1 085	2 206	2 721	4 248	29.6	448	574	1 099	2 195	2 713	4 260	29.6
Ont.	26 050	388	317	903	1 459	2 468	3 759	26.2	390	318	913	1 451	2 477	3 780	26.3
Man.	1 593	19	14	75	x	98	192	1.3	19	14	76	x	99	194	1.3
Sask.	2 868	24	24	51	x	x	x	x	26	24	52	x	x	x	x
Alta.	8 880	33	111	242	x	205	480	3.3	32	111	264	x	203	499	3.5
Prairies	13 341	76	149	368	x	x	x	x	77	149	392	x	x	x	x
B.C.	76 868	1 040	1 624	2 072	1 265	1 359	4 471	31.2	1 048	1 628	2 082	1 242	1 338	4 468	31.0
Yukon and N.W.T.	101	1	-	1	x	x	x	x	x	-	-	x	x	x	x
Total	161 985	2 167	2 777	4 624	5 773	7 555	14 346	100.0	2 187	2 786	4 688	5 720	7 524	14 399	100.0

Source: Statistics Canada Cat. No. 25-201 and 25-202.

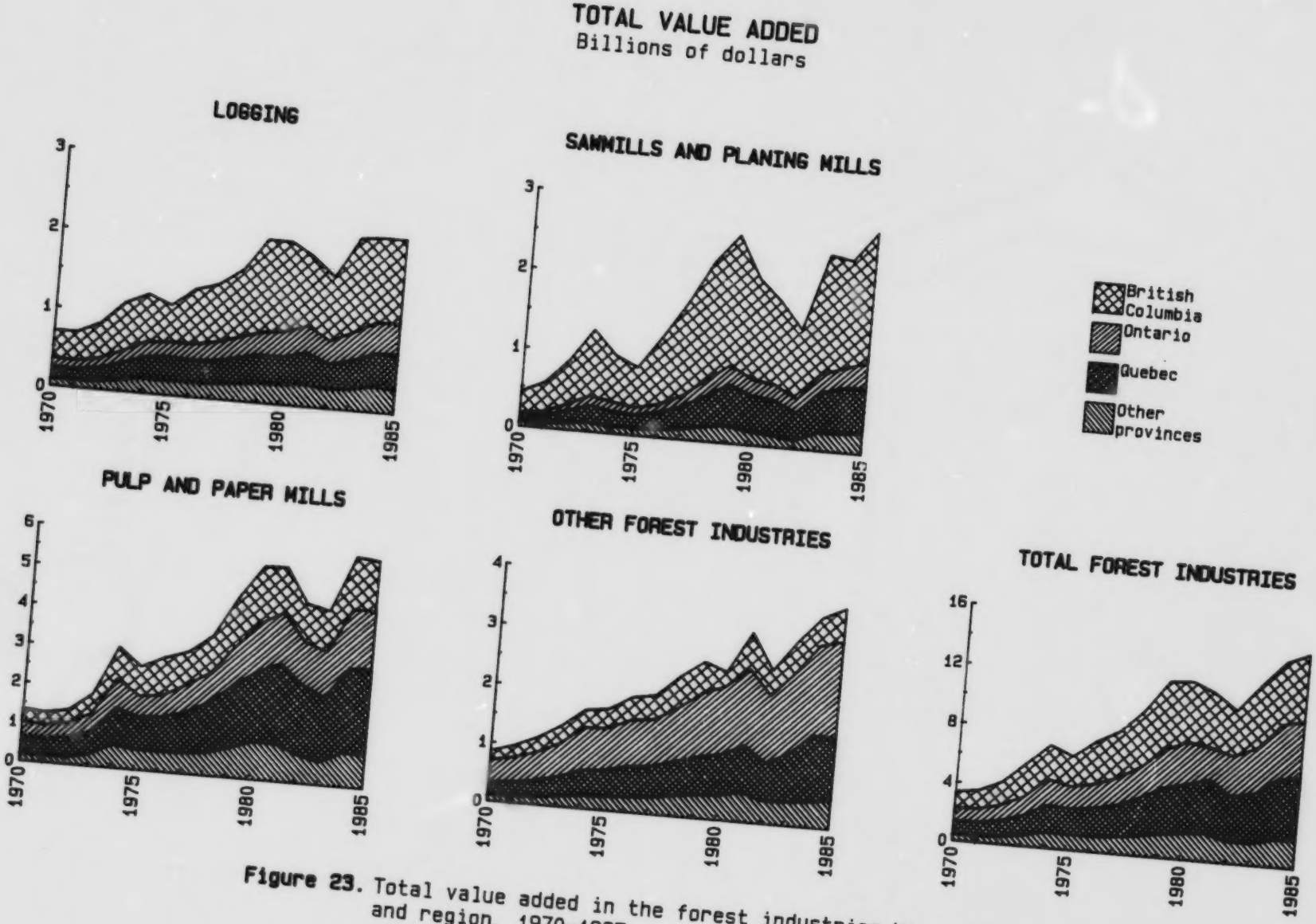

Figure 23. Total value added in the forest industries by sector and region, 1970–1985.

Source: Statistics Canada, Cat. No. 25-201 and 25-202.

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1985

Activity/ province or territory	Manufacturing activity								Total activity		
	Establishments	Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
A. Sawmill, planing mill, and shingle mill industries (S.I.C. 251)											
Nfld.	50	226	429	3	1	5	11	5	297	3	5
P.E.I.	12	38	68	--	--	1	2	1	38	--	1
N.S.	87	1 079	2 246	16	4	34	69	32	1 171	18	32
N.B.	81	2 216	5 061	42	10	137	228	82	2 499	49	82
Atlantic provinces	230	3 559	7 804	61	15	177	310	120	4 005	70	120
Que.	365	12 254	26 407	247	58	759	1 370	576	15 284	320	580
Ont.	212	6 526	13 944	149	33	474	817	317	7 684	187	318
Man.	18	333	625	7	1	19	32	14	356	8	14
Sask.	6	439	896	13	2	29	57	24	516	16	24
Alta.	49	2 098	4 316	61	11	135	262	111	2 370	71	111
Prairies	73	2 870	5 837	81	14	183	351	149	3 242	95	149
B.C.	438	26 564	53 829	870	139	2 383	4 212	1 692	31 018	1 061	1 696
Yukon and N.W.T.	-	-	-	-	-	-	-	-	-	-	-
Total	**1 318**	**51 773**	**107 820**	**1 407**	**258**	**3 976**	**7 059**	**2 854**	**61 233**	**1 731**	**2 864**
B. Shingle and shake industry (S.I.C. 2511)											
N.B.	8	128	290	2	--	2	5	3	137	2	3
Que.	10	267	530	4	1	5	12	6	267	4	6
B.C.	89	1 762	3 393	46	3	108	180	68	1 868	49	69
Total	**107**	**2 157**	**4 213**	**52**	**4**	**115**	**196**	**77**	**2 272**	**56**	**77**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1985 (CONTINUED)

Activity/ province or territory	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employees[a]: Number	Total activity: Salaries and wages	Total activity: Total value added
			1 000			$000 000				$000 000	
C. Sawmill and planing mill products industry (S.I.C. 2512)											
Nfld.	50	226	429	3	1	5	11	5	297	3	5
P.E.I.	12	38	68	--	--	1	2	1	38	--	1
N.S.	87	1 079	2 246	16	4	34	69	32	1 171	18	32
N.B.	73	2 088	4 771	40	9	135	223	79	2 362	47	79
Atlantic provinces	222	3 431	7 514	59	14	175	305	117	3 868	68	117
Que.	355	11 987	25 877	243	57	755	1 358	570	15 017	316	574
Ont.	212	6 526	13 944	149	33	474	817	317	7 684	187	318
Man.	18	333	625	7	1	19	32	14	356	8	14
Sask.	6	439	896	13	2	29	57	24	516	16	24
Alta.	49	2 098	4 316	61	11	135	262	111	2 370	71	111
Prairies	73	2 870	5 837	81	14	183	351	149	3 242	95	149
B.C.	349	24 802	50 434	824	136	2 274	4 032	1 624	29 150	1 011	1 628
Yukon and N.W.T.	-	-	-	-	-	-	-	-	-	-	-
Total	**1 211**	**49 616**	**103 606**	**1 355**	**254**	**3 861**	**6 863**	**2 777**	**58 961**	**1 676**	**2 786**
D. Veneer and plywood industries (S.I.C. 252)											
Que.	32	1 739	3 330	27	4	134	202	63	2 062	38	70
Ont.	19	1 585	3 179	31	5	59	119	56	1 864	39	57
B.C.	22	4 039	8 050	134	20	254	492	212	4 466	152	210
Others	9	569	1 242	18	4	38	75	32	666	22	33
Total	**82**	**7 932**	**15 801**	**210**	**33**	**486**	**888**	**363**	**9 058**	**251**	**370**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1985 (CONTINUED)

Activity/ province or territory	Manufacturing activity								Total activity		
		Production and related workers							Total employees[a]		
	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
E. Sash, door, and other millwork industries (S.I.C. 254)											
Que.	546	7 290	14 910	121	11	352	649	292	8 438	152	293
Ont.	407	7 746	17 053	143	10	369	744	364	9 140	186	369
Alta.	124	1 306	2 776	26	2	81	145	62	1 831	41	85
B.C.	227	2 366	4 771	54	5	134	260	119	3 014	71	127
Others	208	2 761	5 647	46	5	130	247	114	3 461	64	121
Total	**1 512**	**21 469**	**45 157**	**390**	**33**	**1 066**	**2 045**	**951**	**25 884**	**514**	**995**
F. Prefabricated wooden building industry (S.I.C. 2541)											
N.S.	5	105	225	2	--	8	14	6	162	3	7
Que.	31	552	1 113	8	1	46	75	30	704	12	30
Ont.	17	419	896	8	--	47	73	27	584	12	27
Alta.	9	300	592	7	1	36	53	17	580	16	40
B.C.	12	106	199	3	--	7	15	7	236	6	8
Others	6	34	68	--	1	1	3	1	57	1	--
Total	**80**	**1 516**	**3 093**	**28**	**3**	**145**	**233**	**88**	**2 323**	**50**	**112**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1985 (CONTINUED)

Activity/ province or territory	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employees[a]: Number	Total activity: Salaries and wages	Total activity: Total value added
			1 000	$000 000						$000 000	
G. Wooden kitchen cabinet and bathroom vanity industries (S.I.C. (2542)											
N.B.	13	134	275	2	--	6	10	4	158	2	4
Que.	230	2 203	4 499	35	2	73	151	75	2 418	41	75
Ont.	209	2 716	5 930	49	3	87	206	116	3 158	62	115
Man.	40	441	922	8	1	13	29	15	517	10	15
Alta.	59	328	648	6	1	11	27	16	407	7	16
B.C.	101	831	1 652	16	1	28	70	39	1 058	21	40
Others	46	185	372	3	-	6	9	6	206	4	6
Total	**698**	**6 838**	**14 298**	**119**	**8**	**224**	**502**	**271**	**7 922**	**147**	**271**
H. Wooden door and window industry (S.I.C. 2543)											
N.S.	13	189	369	3	--	10	16	6	251	4	6
N.B.	16	290	610	6	--	18	35	16	381	8	16
Que.	182	3 027	6 139	51	4	162	286	122	3 588	66	124
Ont.	74	2 330	4 962	45	4	134	264	124	2 745	61	127
Man.	10	630	1 281	10	1	32	64	33	763	14	33
Alta.	22	261	551	5	--	14	27	12	350	7	12
B.C.	56	782	1 570	19	2	62	104	40	944	24	41
Others	13	165	321	3	--	10	14	3	271	5	8
Total	**386**	**7 674**	**15 803**	**141**	**12**	**442**	**810**	**356**	**9 293**	**189**	**366**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1985 (CONTINUED)

Activity/ province or territory	Manufacturing activity							Total activity		
		Production and related workers						Total employees[a]		
	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
I. Other millwork industries (S.I.C. 2549)											
N.S.	8	106	223	2	--	7	16	9	123	2	9
N.B.	8	82	180	1	--	3	5	2	86	1	2
Que.	103	1 508	3 160	26	3	71	137	65	1 728	32	65
Ont.	107	2 281	5 264	42	3	100	201	98	2 653	52	100
Man.	10	220	460	4	--	9	17	8	279	5	9
Sask.	14	137	232	2	--	6	10	4	161	3	4
Alta.	34	417	985	8	1	19	37	17	494	11	17
Prairies	58	774	1 677	14	1	34	64	29	934	19	30
B.C.	58	647	1 350	16	2	37	72	33	776	20	39
Others	6	43	108	1	1	2	5	--	46	1	1
Total	**348**	**5 441**	**11 962**	**102**	**10**	**254**	**500**	**236**	**6 346**	**128**	**246**
J. Wooden box and pallet industry (S.I.C. 256)											
N.S.	6	62	129	1	--	2	4	2	67	1	2
Que.	59	688	1 369	11	1	26	48	22	779	13	23
Ont.	90	1 343	2 698	20	2	65	113	46	1 552	26	46
Man.	5	56	113	1	--	3	5	2	64	1	2
Alta.	11	110	202	2	--	4	9	4	120	2	4
Others	22	234	455	5	2	10	19	10	271	6	9
Total	**193**	**2 493**	**4 966**	**40**	**5**	**110**	**198**	**86**	**2 853**	**49**	**86**

IV - 11. MAJOR WOOD INDUSTRIES - SELECTED PROVINCES, 1985 (CONCLUDED)

Activity/ province or territory	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employees[a]	Total activity: Salaries and wages	Total activity: Total value added
		Number	1 000	$000 000					Number	$000 000	
K. Coffin and casket industry (S.I.C. 258)											
Que.	12	400	788	7	1	12	26	14	470	9	14
Ont.	5	159	343	3	--	4	9	4	173	3	4
Others	10	74	195	1	-	4	6	4	110	2	4
Total	**27**	**653**	**1 326**	**11**	**1**	**20**	**41**	**22**	**753**	**14**	**22**
L. Other wood industries (S.I.C. 259)											
N.S.	13	90	185	2	--	9	14	3	101	2	3
Que.	87	2 162	4 404	42	10	144	270	118	2 555	54	119
Ont.	118	2 418	5 385	53	16	169	301	115	2 794	66	117
B.C.	62	762	1 563	21	4	67	111	40	898	26	41
Others	64	1 236	2 476	28	10	118	194	73	1 431	32	72
Total	**344**	**6 668**	**14 013**	**146**	**40**	**507**	**890**	**349**	**7 779**	**180**	**352**

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-250.

IV - 12. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1985

Activity/ province or territory	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
A. Pulp and paper industries (S.I.C. 271)											
N.S.	5	2 004	4 371	64	56	151	407	200	2 570	88	193
N.B.	11	4 042	8 690	144	167	435	916	304	5 269	193	300
Que.	53	22 918	49 019	750	628	1 912	4 738	2 206	30 368	1 030	2 195
Ont.	35	15 272	32 801	514	365	1 553	3 379	1 459	19 831	702	1 451
B.C.	24	11 244	23 738	455	426	1 471	3 182	1 265	15 204	641	1 242
Others	9	3 350	7 486	120	109	345	785	339	4 320	157	339
Total	**137**	**58 830**	**126 105**	**2 047**	**1 751**	**5 867**	**13 407**	**5 773**	**77 562**	**2 811**	**5 720**
B. Pulp industry (S.I.C. 2711)											
N.B.	6	2 112	4 614	73	79	262	495	146	2 878	105	139
Que.	6	1 761	3 581	55	41	240	418	140	2 259	76	134
Ont.	5	2 858	6 299	96	68	377	672	219	3 652	127	219
B.C.	16	5 640	12 048	222	188	840	1 528	489	7 557	313	472
Others	4	1 628	3 599	61	32	203	432	197	2 149	84	189
Total	**37**	**13 999**	**30 141**	**507**	**408**	**1 922**	**3 545**	**1 191**	**18 495**	**705**	**1 153**

IV - 12. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1985 (CONTINUED)

Activity/ province or territory	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employees[a]: Number	Total activity: Salaries and wages	Total activity: Total value added
		Number	1 000	$000 000					Number	$000 000	
C. Newsprint industry (S.I.C. 2712)											
Que.	21	13 992	29 962	482	427	1 057	2 943	1 471	18 133	647	1 475
Ont.	9	6 279	13 102	220	168	594	1 449	687	8 435	316	683
B.C.	4	4 074	8 421	175	188	446	1 258	618	5 559	244	613
Others	8	4 441	9 811	159	174	380	981	431	5 607	203	433
Total	**42**	**28 786**	**61 296**	**1 036**	**957**	**2 477**	**6 631**	**3 207**	**37 734**	**1 410**	**3 204**
D. Paperboard industry (S.I.C. 2713)											
Que.	11	2 473	4 991	81	84	233	565	244	3 294	110	246
Ont.	10	2 226	4 834	72	62	172	459	227	2 671	90	226
Others	6	1 284	2 742	47	67	128	301	104	1 645	61	106
Total	**27**	**5 983**	**12 567**	**200**	**213**	**533**	**1 325**	**575**	**7 610**	**261**	**578**
E. Asphalt roofing industry (S.I.C. 272)											
Que.	4	429	905	11	5	59	105	44	635	17	44
Ont.	7	467	986	10	5	108	170	59	564	13	61
Alta.	3	195	406	6	3	41	70	24	250	8	24
Others	4	86	175	2	--	15	22	7	113	3	7
Total	**18**	**1 177**	**2 472**	**29**	**13**	**223**	**367**	**134**	**1 562**	**41**	**136**

IV - 12. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1985 (CONTINUED)

Activity/ province or territory	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employees[a]: Number	Total activity: Salaries and wages	Total activity: Total value added
			1 000			$000 000				$000 000	
F. Paper box and bag industries (S.I.C. 273)											
Nfld.	3	69	150	2	--	6	10	4	77	2	4
Que.	65	4 606	8 947	110	11	427	679	240	5 932	151	240
Ont.	133	7 878	16 279	193	17	764	1 206	432	10 042	264	431
Others	50	2 366	4 689	61	7	296	474	172	3 123	87	172
Total	**251**	**14 919**	**30 065**	**366**	**35**	**1 493**	**2 369**	**848**	**19 174**	**504**	**847**
G. Folding carton and set-up box industry (S.I.C. 2731)											
Que.	30	1 676	3 199	38	3	115	206	89	2 055	50	88
Ont.	58	3 346	7 016	79	5	244	428	184	4 045	102	185
Others	16	431	831	12	--	42	70	26	532	14	26
Total	**104**	**5 453**	**11 046**	**127**	**8**	**401**	**704**	**299**	**6 632**	**166**	**299**
H. Corrugated box industry (S.I.C. 2732)											
Que.	23	2 187	4 191	54	7	235	352	111	2 933	78	111
Ont.	64	4 069	8 393	105	11	476	709	224	5 348	147	222
Alta.	9	337	676	9	1	42	66	23	439	12	23
B.C.	8	600	1 166	20	2	87	143	55	831	29	55
Others	11	602	1 249	14	2	77	124	45	788	19	45
Total	**115**	**7 795**	**15 675**	**202**	**23**	**917**	**1 394**	**458**	**10 339**	**285**	**456**

IV - 12. MAJOR PAPER AND ALLIED INDUSTRIES - SELECTED PROVINCES, 1985 (CONCLUDED)

Activity/ province or territory	Establishments	Manufacturing activity: Production and related workers: Number	Manufacturing activity: Production and related workers: Person-hours paid	Manufacturing activity: Wages	Manufacturing activity: Fuel and electricity	Manufacturing activity: Materials and supplies	Manufacturing activity: Value of shipments of goods	Manufacturing activity: Value added	Total activity: Total employees[a]: Number	Total activity: Salaries and wages	Total activity: Total value added
			1 000			$000 000				$000 000	
I. Paper bag industry (S.I.C. 2733)											
Que.	12	743	1 558	17	2	77	120	41	944	23	41
Ont.	11	463	869	9	1	45	69	23	649	15	24
B.C.	3	131	272	4	--	17	26	9	170	5	9
Others	6	334	645	7	--	37	56	19	440	10	18
Total	**32**	**1 671**	**3 344**	**37**	**3**	**176**	**271**	**92**	**2 203**	**53**	**92**
J. Other converted paper products industries (S.I.C. 279)											
Que.	90	3 168	6 436	65	10	302	533	230	4 296	98	234
Ont.	142	7 634	15 830	176	18	762	1 281	519	10 533	266	534
Man.	8	121	238	2	--	6	13	7	162	3	7
Alta.	11	92	205	2	--	14	23	9	150	3	10
B.C.	20	250	528	8	--	31	47	17	353	10	17
Others	11	286	544	4	4	13	34	17	395	9	19
Total	**282**	**11 551**	**23 781**	**257**	**32**	**1 128**	**1 931**	**799**	**15 889**	**389**	**821**
K. Stationery paper products industry (S.I.C. 2792)											
Que.	17	649	1 369	14	1	45	80	35	890	21	37
Ont.	39	1 973	4 252	44	3	142	279	137	2 780	67	141
Alta.	6	59	131	1	--	6	12	6	91	2	6
B.C.	8	142	298	4	--	13	22	9	206	6	10
Others	7	108	210	2	--	3	10	6	153	4	8
Total	**77**	**2 931**	**6 260**	**65**	**4**	**209**	**403**	**193**	**4 120**	**100**	**202**

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-250.

IV - 13. LOGGING BY YEAR, 1960-1985

Year	Manufacturing activity								Total activity		
		Production and related workers							Total employees[a]		
	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	..	..	..	..	..	..	806	..	..	375	..
1965	2 556	53 992	122 571	274	27	651	1 185	528	60 701	316	547
1970	2 648	44 810	100 227	345	29	690	1 382	653	52 230	412	694
1971	2 436	40 119	88 723	344	30	687	1 383	658	47 284	413	698
1972	2 794	40 363	89 599	382	37	770	1 592	765	47 553	458	829
1973	3 128	49 573	105 182	513	50	1 127	2 104	1 001	57 586	606	1 109
1974	3 249	50 733	108 321	601	68	1 249	2 365	1 176	59 491	717	1 244
1975	2 745	45 533	97 662	588	64	1 129	2 175	1 098	53 622	712	1 126
1976	2 315	42 185	83 917	639	71	1 383	2 733	1 300	49 878	773	1 348
1977	2 131	41 804	83 192	693	74	1 513	2 998	1 400	49 445	844	1 440
1978	2 279	45 939	91 544	808	85	1 828	3 435	1 564	53 753	973	1 647
1979	2 844	48 301	96 238	927	101	2 383	4 222	1 822	56 614	1 115	2 053
1980	3 241	45 826	90 653	965	121	2 597	4 559	1 927	54 370	1 179	2 049
1981	3 276	39 971	78 283	944	159	2 444	4 430	1 857	48 402	1 192	1 883
1982	3 081	32 770	62 413	798	179	2 098	3 995	1 616	40 156	1 032	1 650
1983	3 508	39 771	80 446	1 013	200	2 605	4 909	2 105	45 943	1 219	2 152
1984	3 694	45 368	89 665	1 123	215	3 004	5 364	2 172	51 173	1 324	2 191
1985	3 739	40 733	78 567	1 100	219	3 059	5 462	2 167	45 962	1 294	2 187

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-201.

IV - 14. WOOD INDUSTRIES BY YEAR, 1960-1985

Year	Manufacturing activity								Total activity		
		Production and related workers							Total employees[a]		
	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	5 730	69 101	..	222	18	561	1 007	..	82 734	278	432
1965	4 206	78 389	169 301	322	30	818	1 488	655	91 588	399	669
1970	3 330	75 225	157 535	446	36	1 139	1 951	790	87 829	552	802
1971	3 164	78 420	165 368	517	44	1 296	2 347	1 003	91 846	638	1 017
1972	3 085	87 733	182 598	623	53	1 647	3 085	1 397	102 699	771	1 422
1973	3 063	94 818	197 824	756	64	2 181	4 056	1 947	111 600	939	1 977
1974	3 111	89 297	186 506	823	75	2 242	3 991	1 708	106 620	1 038	1 748
1975	2 920	81 588	167 763	846	79	2 098	3 803	1 655	97 717	1 071	1 690
1976	2 703	90 007	187 880	1 098	105	2 770	4 999	2 207	106 178	1 353	2 236
1977	2 542	92 300	192 273	1 272	130	3 161	5 952	2 726	108 660	1 558	2 762
1978	2 928	100 491	209 594	1 482	159	3 916	7 477	3 507	119 004	1 821	3 550
1979	3 208	103 025	216 455	1 687	183	4 927	8 808	3 965	122 048	2 074	4 021
1980	3 363	98 839	207 679	1 798	205	4 865	8 397	3 398	117 307	2 217	3 466
1981	3 394	94 328	189 205	1 824	245	4 802	8 442	3 379	112 570	2 286	3 447
1982	3 345	80 726	155 324	1 653	273	4 095	7 168	2 662	97 050	2 102	2 708
1983	3 453	85 499	172 757	1 950	323	5 297	9 406	3 942	101 965	2 427	3 993
1984	3 561	86 205	174 980	2 028	351	5 657	9 973	4 006	102 941	2 541	4 051
1985	3 476	90 988	189 083	2 204	369	6 164	11 122	4 624	107 560	2 740	4 688

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 15. PAPER AND ALLIED INDUSTRIES BY YEAR, 1960-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	565	76 040	..	339	116	979	2 126	..	95 281	458	1 034
1965	601	83 994	184 072	450	158	1 386	2 882	1 347	110 180	634	1 365
1970	635	90 679	195 536	684	214	1 953	3 931	1 781	121 080	978	1 817
1971	642	90 086	191 811	731	244	2 023	4 001	1 772	119 709	1 039	1 804
1972	654	91 188	195 393	805	257	2 211	4 414	1 928	120 758	1 135	1 962
1973	649	93 123	197 883	886	284	2 536	5 271	2 439	123 138	1 248	2 476
1974	650	99 696	210 962	1 087	427	3 456	7 677	3 888	131 275	1 526	3 945
1975	665	95 794	181 293	1 055	419	3 347	7 132	3 398	127 342	1 553	3 470
1976	661	98 335	203 620	1 381	572	4 038	8 229	3 774	130 207	1 938	3 844
1977	647	94 244	195 940	1 490	697	4 238	8 938	4 004	124 463	2 080	4 032
1978	699	96 882	202 655	1 654	833	4 747	10 197	4 539	126 783	2 282	4 565
1979	732	98 667	204 986	1 802	960	5 654	12 287	5 733	128 918	2 491	5 756
1980	764	99 071	204 792	1 987	1 085	6 785	14 503	6 737	130 310	2 784	6 770
1981	758	99 491	205 525	2 243	1 299	7 595	15 729	6 944	131 024	3 146	6 965
1982	674	87 924	181 586	2 216	1 434	7 059	14 261	5 869	117 669	3 180	5 876
1983	672	86 375	178 775	2 392	1 586	7 468	15 011	5 929	114 308	3 341	5 940
1984	678	88 227	182 224	2 529	1 809	8 289	17 472	7 506	115 799	3 516	7 492
1985	688	86 477	182 423	2 699	1 831	8 712	18 075	7 555	114 187	3 745	7 524

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202.

IV - 16. SAWMILL, PLANING MILL, AND SHINGLE MILL INDUSTRIES (S.I.C. 251) BY YEAR, 1965-1985

Year	Manufacturing activity								Total activity		
		Production and related workers							Total employees[a]		
	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	2 559	44 477	95 489	188	20	502	896	384	50 848	224	389
1970	1 854	43 914	92 625	273	24	705	1 168	450	50 226	326	453
1971	1 705	45 702	96 322	318	29	811	1 440	593	52 650	381	596
1972	1 639	51 076	106 058	385	36	1 030	1 949	894	58 909	464	898
1973	1 593	55 396	115 366	471	44	1 397	2 627	1 306	64 359	572	1 311
1974	1 609	50 615	106 377	506	50	1 341	2 380	999	59 886	623	1 005
1975	1 437	42 291	87 840	482	52	1 141	2 060	883	50 765	599	885
1976	1 282	49 528	104 249	667	70	1 647	2 969	1 309	58 221	802	1 314
1977	1 203	53 169	111 169	803	89	1 986	3 787	1 772	62 199	961	1 776
1978	1 310	58 130	122 002	944	109	2 513	4 848	2 324	68 616	1 139	2 328
1979	1 424	59 294	125 894	1 081	126	3 267	5 831	2 670	70 314	1 312	2 677
1980	1 441	57 800	122 469	1 173	143	3 205	5 430	2 150	68 312	1 423	2 155
1981	1 432	54 499	108 526	1 147	169	2 998	5 098	1 882	64 486	1 413	1 883
1982	1 338	46 295	89 306	1 055	190	2 672	4 501	1 535	55 119	1 319	1 540
1983	1 388	50 179	101 115	1 264	228	3 507	6 106	2 502	59 674	1 548	2 509
1984	1 429	50 895	102 916	1 321	246	3 722	6 404	2 468	60 415	1 626	2 468
1985	1 318	51 773	107 820	1 407	258	3 976	7 059	2 854	61 233	1 731	2 864

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204 and 35-250.

IV - 17. SHINGLE AND SHAKE INDUSTRY (S.I.C. 2511) BY YEAR, 1965-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	64	1 422	2 793	8	--	15	25	10	1 527	9	11
1970	82	1 374	2 697	11	--	18	32	14	1 450	12	14
1971	74	1 595	3 173	14	1	22	44	22	1 687	15	22
1972	72	1 689	3 244	15	1	26	56	29	1 798	16	29
1973	74	1 753	3 415	17	1	37	68	31	1 883	18	31
1974	79	1 421	2 841	16	1	26	50	23	1 540	18	23
1975	69	1 503	2 942	20	1	28	63	34	1 609	21	34
1976	69	1 690	3 359	25	1	44	90	47	1 813	27	47
1977	71	1 637	3 319	29	2	61	115	53	1 754	31	53
1978	84	2 029	4 272	37	2	87	154	68	2 159	41	68
1979	116	1 853	3 887	40	2	92	155	60	1 986	44	60
1980	124	1 897	3 708	41	2	83	152	66	2 034	44	66
1981	119	1 583	3 117	37	2	69	125	54	1 712	40	56
1982	108	1 302	2 401	29	3	46	87	39	1 421	33	41
1983	98	1 417	2 714	34	3	64	114	46	1 539	39	46
1984	101	1 537	3 099	37	3	81	139	58	1 648	41	57
1985	107	2 157	4 213	52	4	115	196	77	2 272	56	77

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204 and 35-250.

IV - 18. SAWMILL AND PLANING MILL PRODUCTS INDUSTRY (S.I.C. 2512) BY YEAR, 1960-1985

Year	Manufacturing activity							Total activity		
		Production and related workers						Total employees[a]		
	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	3 719	36 714	..	120	10	296	530	225	..	..	..
1965	2 559	44 477	95 489	188	20	502	896	384	50 848	224	389
1970	1 772	42 540	89 928	262	24	687	1 135	436	48 776	314	439
1971	1 631	44 107	93 150	305	28	789	1 396	572	50 963	366	574
1972	1 567	49 387	102 814	370	35	1 004	1 894	865	57 111	448	869
1973	1 519	53 643	111 951	455	43	1 360	2 559	1 275	62 476	554	1 280
1974	1 530	49 194	103 535	490	49	1 315	2 330	976	58 346	605	983
1975	1 368	40 788	84 899	462	51	1 113	1 997	849	49 156	578	851
1976	1 213	47 838	100 890	642	69	1 604	2 878	1 262	56 408	774	1 268
1977	1 132	51 532	107 850	775	88	1 925	3 673	1 719	60 445	930	1 723
1978	1 226	56 101	117 730	906	107	2 426	4 694	2 257	66 457	1 098	2 260
1979	1 308	57 441	122 007	1 042	124	3 176	5 676	2 610	68 328	1 268	2 617
1980	1 317	55 903	118 761	1 132	141	3 122	5 278	2 085	66 278	1 379	2 089
1981	1 313	52 916	105 409	1 110	166	2 929	4 973	1 828	62 774	1 373	1 827
1982	1 230	44 878	86 592	1 027	188	2 608	4 387	1 489	53 698	1 286	1 494
1983	1 290	48 762	98 401	1 231	226	3 443	5 991	2 455	58 135	1 509	2 463
1984	1 328	49 358	99 818	1 284	243	3 641	6 265	2 410	58 767	1 585	2 410
1985	1 211	49 616	103 606	1 355	254	3 861	6 863	2 777	58 961	1 676	2 786

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-204 and 35-250.

IV - 19. VENEER AND PLYWOOD INDUSTRIES (S.I.C. 252) BY YEAR, 1960-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	76	9 856	..	35	3	76	138	61	..	..	..
1965	83	12 826	27 455	55	4	120	222	101	14 265	65	102
1970	90	10 973	21 616	68	5	152	262	104	12 259	80	106
1971	88	11 363	23 360	80	6	165	312	139	12 650	93	142
1972	84	12 213	24 788	92	7	202	393	182	13 664	108	187
1973	86	13 082	26 599	110	8	255	487	226	14 478	127	232
1974	82	11 863	23 562	112	9	262	463	198	13 291	133	206
1975	83	11 367	21 346	119	10	248	458	200	12 732	141	204
1976	81	11 635	23 179	147	13	311	584	266	13 003	171	270
1977	83	12 301	24 917	174	17	351	647	283	13 695	202	285
1978	86	12 555	25 319	192	20	423	844	402	14 067	222	406
1979	83	12 212	24 470	203	21	498	888	380	13 618	236	391
1980	84	10 990	22 453	206	23	483	840	333	12 363	243	345
1981	77	9 920	18 845	197	26	466	841	351	11 323	238	357
1982	82	9 084	15 772	185	27	360	645	248	10 344	225	254
1983	82	8 596	17 289	216	32	456	853	373	9 724	256	381
1984	81	8 037	15 632	200	31	453	795	317	9 174	241	323
1985	82	7 932	15 801	210	33	486	888	363	9 058	251	370

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-206 and 35-250.

IV - 20. SASH, DOOR, AND OTHER MILLWORK INDUSTRIES (S.I.C. 254) BY YEAR, 1960-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	1 397	13 267	..	40	4	134	227	88	..	..	..
1965	1 007	11 108	24 868	41	3	115	209	93	14 122	58	99
1970	908	12 040	25 610	63	3	190	339	146	15 432	91	152
1971	902	12 933	27 820	73	4	223	396	172	16 494	105	180
1972	910	15 594	33 009	94	5	298	509	209	19 547	131	224
1973	943	17 078	36 298	115	6	389	658	274	21 675	163	291
1974	958	17 230	36 462	135	8	462	801	343	22 214	193	365
1975	944	18 409	38 629	165	8	519	928	405	23 083	229	433
1976	925	19 622	41 132	199	10	618	1 073	460	24 224	271	476
1977	891	18 169	38 025	200	11	607	1 079	468	22 641	275	495
1978	1 110	20 525	42 952	240	13	718	1 267	538	25 468	326	573
1979	1 228	21 067	44 175	268	15	818	1 438	618	25 972	360	652
1980	1 316	19 994	41 665	275	16	790	1 425	621	24 866	372	668
1981	1 358	20 447	42 183	321	21	905	1 701	795	25 559	436	852
1982	1 390	16 816	33 698	272	23	685	1 319	588	21 294	377	619
1983	1 440	18 488	37 930	321	26	872	1 641	759	22 925	437	791
1984	1 480	18 217	37 525	327	29	904	1 733	803	22 740	450	839
1985	1 512	21 469	45 157	390	33	1 066	2 045	951	25 884	514	995

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-205 and 35-250.

IV - 21. WOODEN BOX AND PALLET INDUSTRY (S.I.C. 256) BY YEAR, 1965-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	160	2 642	5 824	9	1	15	35	19	3 028	11	19
1970	162	2 668	5 668	13	1	25	54	28	3 115	17	28
1971	162	2 666	5 615	14	1	26	55	28	3 109	18	28
1972	157	2 747	5 828	15	1	31	62	30	3 218	19	30
1973	162	2 913	6 176	18	1	40	79	38	3 449	23	38
1974	177	3 192	6 828	22	1	57	105	47	3 731	28	47
1975	179	3 233	6 846	26	1	57	110	52	3 752	33	52
1976	166	2 938	6 216	26	2	57	111	53	3 430	33	53
1977	150	2 869	6 028	30	2	66	134	67	3 347	40	67
1978	161	2 940	6 112	30	2	77	139	61	3 470	39	61
1979	189	3 396	7 099	42	2	104	187	81	3 938	51	81
1980	192	3 017	6 310	38	2	102	189	85	3 547	48	85
1981	191	2 874	5 986	43	3	110	207	93	3 407	55	93
1982	208	2 741	5 662	41	4	97	188	87	3 274	52	88
1983	201	2 216	4 496	32	4	85	152	64	2 556	40	65
1984	212	2 422	4 991	38	4	105	191	82	2 759	46	83
1985	193	2 493	4 966	40	5	110	198	86	2 853	49	86

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208 and 35-250.

IV - 22. COFFIN AND CASKET INDUSTRY (S.I.C. 258) BY YEAR, 1965-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	56	1 152	2 595	4	--	6	14	8	1 438	5	8
1970	45	1 006	2 194	5	--	7	17	10	1 260	7	10
1971	45	983	2 172	5	--	7	18	10	1 217	7	10
1972	43	973	2 113	5	--	8	18	10	1 202	7	10
1973	42	982	2 088	6	--	10	21	11	1 180	8	11
1974	43	1 000	2 051	6	--	13	25	13	1 230	9	13
1975	40	952	1 990	7	--	11	25	14	1 120	9	14
1976	38	837	1 803	7	--	10	23	12	965	8	13
1977	29	743	1 599	7	--	10	23	13	860	8	13
1978	31	721	1 507	7	--	13	27	15	846	9	15
1979	32	660	1 393	7	--	13	29	15	776	9	16
1980	38	707	1 488	9	1	15	32	16	828	11	17
1981	34	616	1 311	9	1	15	33	18	736	11	18
1982	33	643	1 340	10	1	17	36	19	741	12	19
1983	31	692	1 397	11	1	18	39	21	799	14	21
1984	31	623	1 201	10	1	18	39	20	722	12	20
1985	27	653	1 326	11	1	20	41	22	753	14	22

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208 and 35-250.

IV - 23. OTHER WOOD INDUSTRIES (S.I.C. 259) BY YEAR, 1965-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	277	4 762	10 276	17	2	45	86	40	5 796	23	41
1970	271	4 624	9 821	24	3	59	112	52	5 537	31	53
1971	260	4 773	10 079	27	3	64	126	60	5 726	35	61
1972	252	5 130	10 803	32	4	77	153	72	6 159	41	73
1973	237	5 367	11 298	36	5	90	184	91	6 459	47	93
1974	242	5 397	11 226	42	6	109	217	108	6 268	52	110
1975	237	5 336	11 112	48	7	121	222	100	6 265	59	101
1976	211	5 447	11 308	54	10	127	239	106	6 335	67	110
1977	186	5 049	10 536	57	11	142	282	124	5 918	72	126
1978	230	5 620	11 703	69	14	173	351	166	6 537	85	167
1979	252	6 396	13 424	86	18	226	436	201	7 430	107	204
1980	292	6 331	13 294	97	20	269	481	193	7 391	119	197
1981	302	5 972	12 354	107	26	307	563	240	7 059	133	244
1982	296	5 262	9 860	92	27	282	506	192	6 278	118	193
1983	311	5 328	10 529	105	32	360	615	223	6 287	132	226
1984	328	6 011	12 716	132	41	455	810	316	7 131	166	319
1985	344	6 668	14 013	146	40	507	890	349	7 779	180	352

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208 and 35-250.

IV - 24. WOOD PRESERVATION INDUSTRY (S.I.C. 2591) BY YEAR, 1965-1985

Year	Manufacturing activity								Total activity		
		Production and related workers							Total employees[a]		
	Establishments	Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	31	1 178	2 465	5	1	19	34	15	1 456	7	15
1970	34	1 048	2 212	7	1	21	39	17	1 357	10	18
1971	30	1 154	2 443	8	1	26	45	19	1 448	11	20
1972	31	1 148	2 509	9	1	27	51	22	1 465	12	22
1973	33	1 125	2 418	10	1	32	61	27	1 452	14	28
1974	36	1 281	2 622	13	2	42	80	39	1 506	16	41
1975	36	1 320	2 721	14	2	54	88	37	1 627	19	37
1976	36	1 199	2 341	13	2	49	81	32	1 481	18	34
1977	34	1 188	2 418	16	2	58	102	39	1 474	21	40
1978	38	1 446	2 985	20	3	69	120	48	1 733	25	48
1979	41	1 364	2 784	21	3	82	132	51	1 672	27	52
1980	40	1 416	2 900	26	3	94	150	56	1 687	31	59
1981	43	1 295	2 656	26	4	106	173	65	1 572	32	67
1982	45	1 128	2 166	24	6	100	166	61	1 388	31	61
1983	47	1 019	1 987	23	5	111	171	54	1 249	29	56
1984	50	1 185	2 453	30	7	154	236	75	1 443	37	78
1985	51	1 070	2 197	27	6	150	214	63	1 348	36	65

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208 and 35-250.

IV - 25. PARTICLEBOARD AND WAFERBOARD INDUSTRIES (S.I.C. 2592-2593) BY YEAR, 1970-1985

Year	Establishments	Manufacturing activity: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Total activity: Total employees[a]: Number	Total employees[a]: Salaries and wages	Total value added
			1 000			$000 000				$000 000	
A. Particleboard and waferboard											
1970	9	674	1 512	4	1	8	18	9	783	5	9
1971	11	846	1 766	5	1	11	25	13	1 007	7	13
1972	11	952	2 091	7	2	17	37	18	1 136	9	18
1973	11	1 028	2 248	8	2	17	47	27	1 240	10	27
1974	11	1 077	2 298	10	3	21	52	29	1 269	12	29
1975	14	1 192	2 413	13	3	26	51	23	1 377	16	22
1976	18	1 634	3 340	20	6	41	77	33	1 889	24	33
1977	17	1 590	3 221	21	8	48	102	45	1 841	26	44
1978	17	1 720	3 616	28	10	65	148	74	2 018	34	74
1979	18	2 056	4 310	35	13	86	183	89	2 407	43	89
1980	17	1 807	3 794	36	14	97	186	71	2 149	44	70
1981	21	1 974	4 096	44	18	118	226	95	2 366	55	95
B. Particleboard (S.I.C. 2592)											
1982	17	928	1 914	20	10	64	122	48	1 138	26	47
1983	19	1 014	1 972	23	11	81	149	57	1 223	31	57
1984	19	1 201	2 592	30	13	90	197	94	1 525	42	93
1985	23	1 353	2 872	36	14	120	228	94	1 683	47	93
C. Waferboard (S.I.C. 2593)											
1982	10	971	1 505	17	8	45	78	21	1 142	22	21
1983	11	1 003	2 032	25	11	76	130	43	1 199	31	43
1984	11	1 210	2 727	34	16	111	189	62	1 429	41	61
1985	11	1 269	2 705	36	15	116	232	101	1 530	45	102

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 35-208 and 35-250.

IV - 26. PULP AND PAPER INDUSTRIES (S.I.C. 271) BY YEAR, 1960-1985

Year	Manufacturing activity							Total activity		
	Establishments	Production and related workers		Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Total employees[a]		
		Number	Person-hours paid						Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1960	126	53 313	..	260	111	658	1 583	815	..	..	..
1965	132	58 074	128 006	339	151	924	2 104	1 034	69 897	424	1 042
1970	139	62 025	134 291	512	204	1 334	2 851	1 323	80 371	701	1 331
1971	142	61 426	130 766	546	233	1 364	2 832	1 273	79 397	746	1 277
1972	141	61 196	131 426	594	244	1 484	3 128	1 374	78 969	809	1 380
1973	146	61 783	131 688	645	271	1 701	3 791	1 804	80 085	884	1 813
1974	147	66 584	142 883	803	409	2 307	5 703	3 034	86 203	1 097	3 049
1975	147	64 329	117 176	755	399	2 192	5 122	2 569	84 046	1 092	2 601
1976	147	66 946	139 464	1 033	546	2 733	5 993	2 845	86 995	1 416	2 876
1977	145	64 930	135 108	1 130	668	2 911	6 637	3 056	84 533	1 541	3 070
1978	144	66 039	138 834	1 253	798	3 255	7 649	3 504	85 601	1 697	3 508
1979	146	66 878	139 305	1 355	919	3 848	9 282	4 539	87 055	1 847	4 531
1980	144	66 252	137 699	1 486	1 037	4 605	10 908	5 350	86 872	2 050	5 355
1981	144	67 170	139 183	1 670	1 240	5 063	11 619	5 406	87 882	2 310	5 401
1982	142	62 626	129 840	1 729	1 376	4 877	10 689	4 535	83 104	2 442	4 515
1983	137	60 200	125 563	1 838	1 522	5 092	11 082	4 410	79 164	2 528	4 380
1984	142	61 018	126 952	1 922	1 736	5 633	13 112	5 845	79 404	2 638	5 802
1985	137	58 830	126 105	2 047	1 751	5 867	13 407	5 773	77 562	2 811	5 720

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-204 and 36-250.

IV - 27. ASPHALT ROOFING INDUSTRY (S.I.C. 272) BY YEAR, 1965-1985

Year	Estab-lishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	21	1 291	2 899	6	1	30	58	26	1 942	10	30
1970	14	618	1 436	4	1	22	39	17	1 141	9	19
1971	14	727	1 706	6	1	29	51	22	1 218	10	25
1972	14	815	1 919	7	1	34	63	28	1 277	12	31
1973	15	919	2 088	8	1	41	77	33	1 375	13	37
1974	15	916	2 109	9	2	54	102	49	1 403	15	52
1975	15	963	2 189	11	2	69	121	51	1 438	18	53
1976	15	1 034	2 177	13	3	87	148	60	1 549	21	63
1977	15	998	2 127	14	4	91	154	62	1 540	22	64
1978	17	1 043	2 169	15	4	111	179	64	1 467	23	67
1979	18	997	2 067	15	5	138	209	72	1 471	24	81
1980	17	891	1 874	15	5	160	244	78	1 393	26	92
1981	16	806	1 637	15	6	167	269	90	1 301	27	100
1982	16	768	1 562	15	7	162	271	102	1 269	26	107
1983	17	1 025	2 103	25	8	215	306	89	1 424	36	102
1984	17	1 168	2 366	27	12	216	354	131	1 537	38	133
1985	18	1 177	2 472	29	13	223	367	134	1 562	41	136

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-215 and 36-250.

IV - 28. PAPER BOX AND BAG INDUSTRIES (S.I.C. 273) BY YEAR, 1965-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000			$000 000				$000 000	
1965	244	15 898	34 274	102	3	284	458	172	20 952	100	173
1970	269	17 505	37 569	108	5	389	656	266	23 497	160	270
1971	268	17 527	37 231	116	6	412	701	285	23 387	170	290
1972	268	18 393	39 435	132	7	455	771	313	24 335	191	320
1973	265	19 249	40 698	150	7	518	881	358	25 282	214	366
1974	269	20 187	41 236	177	9	718	1 182	480	26 247	252	498
1975	286	18 791	38 173	182	11	698	1 171	458	24 799	266	470
1976	284	18 882	38 509	215	13	784	1 310	526	24 891	306	537
1977	280	18 086	37 675	231	16	811	1 355	525	23 837	329	528
1978	296	18 680	38 925	252	18	904	1 502	589	24 259	351	591
1979	316	19 125	39 638	276	21	1 057	1 718	653	24 607	382	657
1980	331	19 713	40 238	306	25	1 226	2 000	765	25 443	430	767
1981	331	19 255	39 496	349	31	1 452	2 303	832	25 131	492	835
1982	255	14 087	28 519	275	26	1 115	1 800	664	18 492	394	667
1983	248	14 447	29 270	313	29	1 217	1 989	752	18 641	435	750
1984	249	14 684	30 045	343	32	1 399	2 238	821	19 004	473	819
1985	251	14 919	30 065	366	35	1 493	2 369	848	19 174	504	847

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-216 and 36-250.

IV - 29. OTHER CONVERTED PAPER PRODUCTS INDUSTRIES (S.I.C. 279) BY YEAR, 1965-1985

Year	Establishments	Manufacturing activity							Total activity		
		Production and related workers							Total employees[a]		
		Number	Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Number	Salaries and wages	Total value added
			1 000	$000 000						$000 000	
1965	204	8 731	18 892	37	3	147	262	115	12 215	58	120
1970	213	10 531	22 240	60	4	208	384	176	16 071	108	197
1971	218	10 406	22 108	63	4	219	416	193	15 707	113	212
1972	231	10 784	22 613	71	5	239	453	213	16 177	124	231
1973	223	11 172	23 409	82	5	276	522	243	16 396	137	261
1974	219	12 009	24 733	98	7	377	690	326	17 422	162	347
1975	217	11 711	23 755	107	7	389	717	320	17 059	178	345
1976	215	11 473	23 469	119	9	435	778	343	16 772	195	368
1977	207	10 230	21 030	115	10	426	793	360	14 553	187	370
1978	242	11 120	22 728	134	13	477	867	382	15 456	211	399
1979	252	11 667	23 926	156	15	611	1 077	469	15 785	238	488
1980	272	12 215	24 979	179	18	795	1 351	544	16 602	278	556
1981	267	12 260	25 209	210	23	912	1 539	615	16 710	317	630
1982	260	10 443	21 665	197	25	910	1 502	568	14 804	317	586
1983	270	10 703	21 839	216	26	943	1 634	678	15 079	342	709
1984	270	11 357	22 862	237	29	1 041	1 768	709	15 854	367	738
1985	282	11 551	23 781	257	32	1 128	1 931	799	15 889	389	821

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 36-215 and 36-250.

IV - 30. MANUFACTURING INDUSTRIES, 1985

Manufacturing industries[b]	S.I.C.[c]	Establishments	Manufacturing activity: Production and related workers: Number	Production and related workers: Person-hours paid	Wages	Fuel and electricity	Materials and supplies	Value of shipments of goods	Value added	Total activity: Total employees[a]: Number	Salaries and wages	Total value added
				1 000	$000 000						$000 000	
A. Forestry												
Sawmills, planing mills	2512	1 211	49 616	103 606	1 355	254	3 861	6 863	2 777	58 961	1 676	2 786
Shingle and shake industry	2511	107	2 157	4 213	52	4	115	196	77	2 272	56	77
Pulp and paper mills	271	137	58 830	126 105	2 047	1 751	5 867	13 407	5 773	77 562	2 811	5 720
Other wood industries	252-259	2 158	39 215	81 264	797	111	2 188	4 063	1 770	46 327	1 008	1 825
Other paper industries	272-279	551	27 647	56 318	652	80	2 845	4 668	1 782	36 625	934	1 804
Furniture and fixtures	261-269	1 727	42 576	92 339	749	48	1 575	3 399	1 797	49 868	969	1 811
Printing and publishing	281-284	5 443	74 386	143 031	1 802	80	3 516	9 535	5 983	117 062	3 018	6 169
B. Agriculture												
Food, feed, beverage, tobacco	101, 103-122	3 167	131 496	270 834	3 073	660	24 003	37 376	12 580	204 036	5 217	13 892
C. Fishing												
Fish products	102	390	23 744	45 230	344	45	1 205	1 922	702	26 964	419	864
D. Mining												
Smelting and refining	291,295	89	57 839	121 121	2 000	927	6 130	12 291	5 282	78 252	2 852	5 308
Metal semi-fabricating products	292-294, 296-299, 351-359	1 878	61 913	131 606	1 663	695	5 080	10 559	4 771	79 161	2 255	4 906
Metal-fabricated products	301-309	5 537	112 386	239 133	2 579	237	7 197	13 971	6 638	139 698	3 443	6 838
E. Energy												
Petroleum and coal products	361-369	121	6 436	14 515	266	370	21 091	24 421	2 614	16 739	722	2 595
F. Other												
Machinery (except electrical)	311-319	1 815	53 286	114 776	1 264	98	3 759	7 451	3 635	74 732	1 924	3 889
Transportation equipment	321-329	1 471	163 192	362 432	4 735	361	29 126	43 182	14 089	210 984	6 442	17 741
Electrical products	331-339	1 379	88 224	183 769	2 002	143	6 652	13 270	6 677	137 165	3 591	7 587
Chemicals, chemical products	371-379	1 256	46 274	98 493	1 270	1 097	9 650	18 269	7 625	87 224	2 704	8 329
Textile and clothing	181-249	3 514	143 595	293 366	2 126	205	5 538	10 863	5 110	168 778	2 847	5 314
Miscellaneous products	151-169, 171, 391-399	4 903	122 347	252 368	2 297	242	6 419	12 787	6 193	154 353	3 320	6 903
G. Total	...	**36 854**	**1 305 159**	**2 734 519**	**31 073**	**7 408**	**145 817**	**248 493**	**95 875**	**1 766 763**	**46 208**	**101 358**

[a]Excluding working owners and partners.
[b]Excluding primary industries.
[c]1980 Standard Industrial Classification.

Source: Statistics Canada Cat. No. 25-202 and 31-203.

SECTION V

EMPLOYMENT

Labour Force Survey

Labour Force Survey statistics are based on information obtained through a sample survey of households. Interviews are carried out in about 48 000 representative households across the country.

The sample used in the surveys of the labour force has been designed to represent all persons in the population 15 years of age and over residing in Canada, with the exception of the following: residents of the Yukon and Northwest Territories, persons living on Indian reserves, inmates of institutions, and full-time members of the armed forces.

A comprehensive description of the design of the Labour Force Surveys and a complete list of Self-Representative Units, can be found in "Methodology of the Canadian Labour Force Survey," Statistics Canada, Catalogue 71-526, Ottawa, 1976.

Employment: Employed persons are those who, during the reference week: a) did any work at all; b) had a job, but were not at work due to own illness or disability, personal or family responsibilities, bad weather, labour dispute, vacation, or other reasons (excluding persons on layoff and those with a job to start at a definite date in the future).

Census of Manufactures

The Census of Manufactures is an annual survey of the manufacturing industries of Canada.

Data are accepted for any fiscal year ending not earlier than April 1 of the reference year, nor later than March 31 of the following year. However, data of small establishments based on financial statements submitted to Revenue Canada relate to the taxation year, that is, any reporting year ending in the calendar year. These practices should be kept in mind in comparing census data with those compiled on a calendar year basis.

For detailed definitions and some qualifications to the preceding explanations, see Concepts and Definitions of the Census of Manufactures, Catalogue 31-528.

Employment: Excludes working owners and partners of unincorporated businesses, which are separately tabulated, and outside pieceworkers. Respondents are asked for average number employed during the year. Production and related workers in manufacturing activity include those at the establishment engaged in processing, assembling, storing, inspecting, handling, packing, maintenance, repair, janitorial and security services, and working foremen. Administrative office and other non-manufacturing employees include all functions at head offices, sales offices, and auxiliary units as well as cafeteria workers, research personnel, truck drivers, etc.

V - 1. EMPLOYMENT BY INDUSTRY SECTOR[a], 1970-1987

	Forestry related							Mining related				Agriculture related			Fishing					
			Wood industries		Paper and allied industries															
Year	Logging	Forestry services	Sawmills, planing, shingle mills	Total	Pulp and paper mills	Total	Printing, publishing, furniture, fixture	Crude ores concentrates	Smelting and refining	Metal semi fabricating	Metal fabricating	Agriculture	Agriculture services	Food, feed, beverage, tobacco[b]	Fishing, fishing services	Fish products	Energy	Construction	Other	Total
										1 000 persons										
1970	..	..	..	..	..	..	..	..	..	..	..	513	..	..	..	..	..	467	..	7 919
1971	..	..	..	..	..	..	..	..	..	..	..	514	..	..	..	..	..	489	..	8 109
1972	..	..	..	..	..	..	..	..	..	..	..	483	..	..	..	..	..	494	..	8 309
1973	65	13	74	123	89	..	180	87	89	100	161	469	13	237	21	23	142	539	..	8 761
1974	..	..	..	..	..	..	..	..	..	..	..	474	..	..	..	..	..	586	..	9 128
1975	50	10	54	93	91	130	171	109	86	90	161	483	14	223	21	21	163	603	6 867	9 286
1976	61	9	74	117	103	143	168	111	92	100	147	472	15	235	19	24	163	635	6 967	9 470
1977	58	12	69	118	92	128	160	108	87	97	148	464	15	235	19	26	168	634	7 154	9 661
1978	64	13	77	130	97	140	187	103	88	105	162	474	13	241	21	32	191	634	7 399	9 987
1979	65	12	84	140	99	141	188	106	92	97	165	484	14	235	28	37	198	644	7 749	10 396
1980	61	10	78	135	101	143	197	120	110	99	172	479	16	232	32	37	217	634	8 024	10 708
1981	66	11	79	139	100	145	196	127	118	95	178	485	15	240	33	35	231	651	8 241	11 006
1982	52	11	59	107	93	136	204	99	98	84	147	462	15	231	31	33	216	597	8 121	10 649
1983	64	12	63	115	87	125	206	93	90	78	134	476	17	227	35	33	210	566	8 253	10 739
1984	69	13	67	118	92	128	209	99	92	84	138	476	21	218	33	33	221	572	8 482	11 000
1985	57	11	59	110	89	123	205	108	97	88	141	488	19	225	33	30	224	587	8 765	11 311
1986	57	11	63	115	81	113	223	102	95	83	154	484	23	218	37	35	216	627	9 032	11 639
1987	58	14	68	124	87	124	236	105	98	86	160	451	23	226	38	34	210	680	9 280	11 955

[a] Unajusted series.
[b] Excluding fish products.

Source: Statistics Canada Cat. No. 71-201, Labour Force Survey.

V - 2. EMPLOYMENT BY PROVINCE[a], 1970-1987

Year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
					1 000 persons						
A. Employed labour force											
1970	129	35	256	192	2 128	3 037	371	333	633	805	7 919
1971	135	37	256	197	2 175	3 113	379	334	643	834	8 104
1972	140	36	261	205	2 205	3 239	386	336	671	865	8 344
1973	151	39	275	214	2 330	3 380	402	343	706	920	8 761
1974	149	41	292	221	2 401	3 523	419	350	754	976	9 125
1975	152	42	292	224	2 434	3 576	417	365	788	995	9 284
1976	157	42	292	226	2 456	3 643	425	378	838	1 021	9 477
1977	159	43	292	224	2 476	3 708	428	390	880	1 050	9 651
1978	162	45	303	234	2 530	3 835	439	398	937	1 103	9 987
1979	170	46	311	243	2 619	3 993	450	411	1 007	1 144	10 395
1980	178	47	321	249	2 694	4 053	458	417	1 078	1 213	10 708
1981	179	47	322	253	2 726	4 171	461	425	1 152	1 270	11 006
1982	174	45	313	243	2 584	4 067	454	426	1 132	1 204	10 644
1983	174	48	320	247	2 642	4 096	460	436	1 115	1 197	10 734
1984	176	49	337	248	2 722	4 243	472	439	1 114	1 202	11 000
1985	176	51	337	258	2 804	4 402	480	452	1 123	1 228	11 311
1986	181	52	344	267	2 866	4 555	493	457	1 146	1 274	11 634
1987	186	53	354	277	2 966	4 706	497	458	1 151	1 306	11 955
B. Unemployment rate											
1970	7.3	x	5.3	6.3	7.0	4.4	5.3	4.2	5.1	7.7	5.7
1971	8.4	x	7.0	6.1	7.3	5.4	5.7	3.5	5.7	7.2	6.2
1972	9.2	10.8	7.0	7.0	7.5	5.0	5.4	4.4	5.6	7.8	6.2
1973	10.0	x	6.6	7.7	6.8	4.3	4.6	3.5	5.3	6.7	5.5
1974	13.0	x	6.8	7.5	6.6	4.4	3.6	2.8	3.5	6.2	5.3
1975	14.0	8.0	7.7	9.8	8.1	6.3	4.5	2.9	4.1	8.5	6.9
1976	13.3	9.6	9.5	11.0	8.7	6.2	4.7	3.9	4.0	8.6	7.1
1977	15.5	9.8	10.6	13.2	10.3	7.0	5.9	4.5	4.5	8.5	8.1
1978	16.2	9.8	10.5	12.5	10.9	7.2	6.5	4.9	4.7	8.3	8.3
1979	15.1	11.2	10.1	11.1	9.6	6.5	5.3	4.2	3.9	7.6	7.4
1980	13.3	10.6	9.7	11.0	9.8	6.8	5.5	4.4	3.7	6.8	7.5
1981	13.9	11.2	10.2	11.5	10.3	6.6	5.9	4.7	3.8	6.7	7.5
1982	16.8	12.9	13.2	14.0	13.8	9.8	8.5	6.2	7.7	12.1	11.0
1983	18.8	12.2	13.2	14.8	13.9	10.4	9.4	7.4	10.8	13.8	11.9
1984	20.5	12.8	13.1	14.9	12.8	9.1	8.3	8.0	11.2	14.7	11.3
1985	21.3	13.2	13.8	15.2	11.8	8.0	8.1	8.1	10.1	14.2	10.5
1986	20.0	13.4	13.4	14.4	11.0	7.0	7.7	7.7	9.8	12.6	9.6
1987	18.6	13.3	12.5	13.2	10.3	6.1	7.4	7.3	9.6	12.0	8.9

[a]Unadjusted series.

Source: Statistics Canada Cat. No. 71-201, Labour force survey.

V - 3. EMPLOYMENT IN THE FOREST INDUSTRIES BY SECTOR[a], 1961-1985

		Wood industries						Paper and allied industries			
Year	Logging	Sawmills and planing mills	Shingle and shake industry	Veneer and plywood industries	Sash door, and other millwork industries	Other wood industries	Total	Pulp and paper mills	Other paper industries	Total	Total forest industries
1961	..	46 688	..	..	..	35 397	82 085	63 789	34 503	98 292	..
1965	60 701	50 848	1 527	14 265	14 122	10 826	91 588	69 897	40 283	110 180	262 469
1970	52 230	48 776	1 450	12 259	15 432	9 912	87 829	80 371	40 709	121 080	261 139
1971	47 284	50 963	1 687	12 650	16 494	10 052	91 846	79 397	40 312	119 709	258 839
1972	47 553	57 111	1 798	13 664	19 547	10 579	102 699	78 969	41 789	120 758	271 010
1973	57 586	62 476	1 883	14 478	21 675	11 088	111 600	80 085	43 053	123 138	292 324
1974	59 491	58 346	1 540	13 291	22 214	11 229	106 620	86 203	45 072	131 275	297 386
1975	53 622	49 156	1 609	12 732	23 083	11 137	97 717	84 046	43 296	127 342	278 681
1976	49 878	56 408	1 813	13 003	24 224	10 730	106 178	86 995	43 212	130 207	286 263
1977	49 445	60 445	1 754	13 695	22 641	10 125	108 660	84 533	39 930	124 463	282 568
1978	53 753	66 457	2 159	14 067	25 468	10 853	119 004	85 601	41 182	126 783	299 540
1979	56 614	68 328	1 986	13 618	25 972	12 144	122 048	87 055	41 863	128 918	307 580
1980	54 370	66 278	2 034	12 363	24 866	11 766	117 307	86 872	43 438	130 310	301 987
1981	48 402	62 774	1 712	11 323	25 559	11 202	112 570	87 882	43 142	131 024	291 996
1982	40 156	53 698	1 421	10 344	21 294	10 293	97 050	83 104	34 565	117 669	254 875
1983	45 943	58 135	1 539	9 724	22 925	9 642	101 965	79 164	35 144	114 308	262 216
1984	51 173	58 767	1 648	9 174	22 740	10 612	102 941	79 404	36 395	115 799	269 913
1985	45 962	58 961	2 272	9 058	25 884	11 385	107 560	77 562	36 625	114 187	267 709

[a]Excluding working owners and partners.

Source: Statistics Canada Cat. No. 25-202, Census of manufactures.

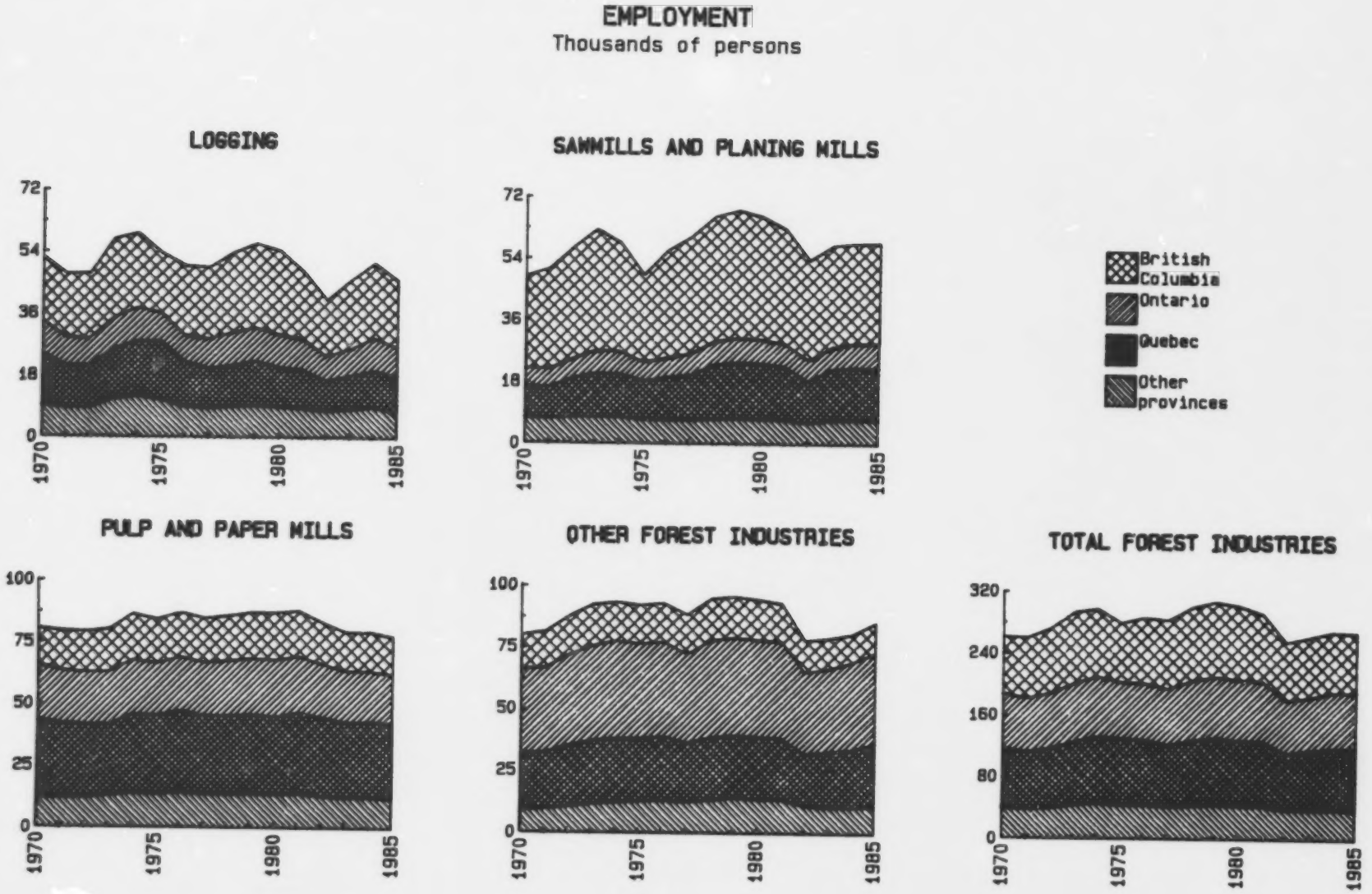

Figure 24. Employment in the forest industries by sector and region, 1970-1985.

Source: Statistics Canada, Cat. No. 25-201 and 25-202.

V - 4. EMPLOYMENT BY FOREST INDUSTRY SECTOR AND PROVINCE[a], 1970-1985

Sector/year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada[b]
A. Logging											
1970	2 439	-	1 523	3 599	14 815	9 567	386	549	747	18 581	**52 230**
1971	1 778	-	1 427	3 466	12 521	8 125	432	518	652	18 364	**47 284**
1972	1 881	-	1 273	3 348	12 364	7 783	520	626	782	18 976	**47 553**
1973	2 404	-	1 524	4 533	14 690	8 983	563	677	1 306	22 906	**57 586**
1974	2 579	-	1 675	4 741	16 115	9 673	693	843	1 456	21 716	**59 491**
1975	2 319	-	1 592	4 134	17 288	8 028	769	851	1 141	17 500	**53 622**
1976	1 588	-	1 117	3 852	13 135	7 694	670	616	1 052	20 154	**49 878**
1977	1 625	-	1 098	3 547	11 834	8 447	567	511	980	20 836	**49 445**
1978	1 324	-	1 229	4 269	11 959	9 569	578	616	1 041	23 168	**53 753**
1979	x	x	1 178	4 377	13 065	9 684	500	682	1 151	24 474	**56 614**
1980	x	x	1 083	4 140	11 575	9 578	527	605	1 020	24 270	**54 370**
1981	1 580	5	1 030	3 808	11 257	9 003	578	599	981	19 561	**48 402**
1982	1 614	12	1 021	3 188	8 994	7 079	449	575	853	16 371	**40 156**
1983	1 328	9	1 190	4 051	9 881	7 826	446	560	746	19 906	**45 943**
1984	1 258	11	1 244	4 542	10 729	9 515	586	660	778	21 850	**51 173**
1985	1 205	x	1 472	2 831	10 802	8 482	423	532	714	19 488	**45 962**
B. Wood Industries											
1970	429	59	2 182	3 605	19 483	16 664	1 233	933	4 852	38 329	**87 829**
1971	447	69	1 889	3 570	19 975	16 835	1 330	1 035	5 002	41 652	**91 846**
1972	448	65	2 065	3 886	23 200	18 598	1 634	1 228	5 717	45 819	**102 699**
1973	505	72	1 982	3 967	25 592	20 662	1 943	1 236	6 065	49 547	**111 600**
1974	538	75	2 124	4 225	24 771	20 507	1 979	1 241	6 241	44 866	**106 620**
1975	482	x	2 210	3 838	23 959	19 284	1 957	1 593	5 614	38 655	**97 717**
1976	392	87	2 234	3 949	25 239	19 872	1 903	1 552	6 250	44 645	**106 178**
1977	380	110	2 001	3 487	25 345	20 110	1 835	1 656	6 100	47 605	**108 660**
1978	414	194	2 203	3 759	29 132	21 942	1 998	1 803	6 571	50 955	**119 004**
1979	374	x	2 151	4 338	29 782	22 902	2 060	1 867	6 967	51 369	**122 048**
1980	330	162	1 980	4 245	29 213	21 348	1 993	1 596	6 634	49 708	**117 307**
1981	334	128	1 802	3 956	27 976	20 970	2 158	1 620	6 904	46 627	**112 570**
1982	263	112	1 618	3 151	23 566	19 011	1 852	1 343	5 765	40 309	**97 050**
1983	380	139	1 879	3 510	27 367	19 562	2 010	x	5 418	40 392	**101 965**
1984	335	219	1 867	3 503	28 603	20 840	1 932	1 233	5 508	38 901	**102 941**
1985	445	208	1 995	3 764	29 588	23 207	2 104	1 260	5 386	39 603	**107 560**

V - 4. EMPLOYMENT BY FOREST INDUSTRY SECTOR AND PROVINCE[a], 1970-1985 (CONCLUDED)

Sector/year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada[b]
C. Paper and allied industries											
1970	x	-	2 850	5 575	43 743	44 894	1 835	x	1 622	17 089	121 080
1971	x	-	3 077	5 603	42 125	43 867	1 902	x	1 562	18 327	119 709
1972	x	-	3 043	5 505	41 988	44 580	2 192	x	1 680	18 804	120 758
1973	x	-	3 253	5 595	41 427	45 391	2 182	x	1 743	19 782	123 138
1974	x	-	3 319	5 925	45 367	47 404	x	x	2 155	20 768	131 275
1975	x	-	3 309	5 898	44 695	45 178	2 284	x	2 208	20 225	127 342
1976	x	-	3 336	6 433	45 923	45 645	2 240	x	2 336	20 404	130 207
1977	x	-	3 338	6 124	43 633	43 488	2 089	x	2 254	20 320	124 463
1978	x	-	3 513	5 980	43 736	45 209	2 159	x	2 338	20 655	126 783
1979	x	-	3 175	6 145	44 333	46 172	x	x	2 575	20 998	128 918
1980	x	-	3 163	6 016	43 556	47 861	2 408	x	2 384	21 540	130 310
1981	x	-	3 340	x	45 011	47 381	2 361	x	2 499	20 660	131 024
1982	x	-	x	5 484	41 457	41 597	2 041	x	2 210	18 458	117 669
1983	x	-	2 877	5 143	40 829	41 001	1 859	x	2 239	17 390	114 308
1984	x	-	2 993	5 738	41 107	41 690	1 746	x	2 187	17 433	115 799
1985	x	-	3 102	5 609	41 231	40 990	1 526	x	2 264	16 850	114 187
D. Forest industries											
1970	x	x	6 555	12 779	78 041	71 125	3 454	x	7 221	73 999	261 139
1971	x	x	6 393	12 639	74 621	68 827	3 664	x	7 216	78 343	258 839
1972	x	x	6 381	12 739	77 552	70 961	3 846	x	8 179	83 599	271 010
1973	x	x	6 759	14 095	81 709	75 036	4 688	x	9 114	92 235	292 324
1974	x	x	7 118	14 891	86 253	77 584	x	x	9 852	87 350	297 386
1975	x	x	7 111	13 870	85 942	72 490	5 010	x	8 963	76 380	278 681
1976	x	87	6 687	14 234	84 297	73 211	4 813	x	9 638	85 203	286 263
1977	x	110	6 437	13 158	80 812	72 045	4 491	x	9 334	88 761	282 568
1978	x	194	6 945	14 008	84 827	76 720	4 735	x	9 850	94 778	299 540
1979	x	x	6 504	14 860	87 180	78 758	x	x	10 693	96 841	307 580
1980	x	x	6 226	14 446	84 344	78 787	4 928	x	10 038	95 518	301 987
1981	x	133	6 172	x	84 244	77 354	5 097	x	10 384	86 848	291 996
1982	x	124	x	11 823	74 017	67 687	4 342	x	8 828	75 138	254 875
1983	x	148	5 946	12 704	78 077	68 389	4 315	x	8 403	77 688	262 240
1984	x	230	6 104	13 783	80 439	72 045	4 264	x	8 473	78 184	269 913
1985	x	x	6 569	12 204	81 621	72 679	4 053	x	8 364	75 941	267 709

[a]Census of manufactures.
[b]Including Yukon and Northwest Territories.

Source: Statistics Canada Cat. No. 25-202.

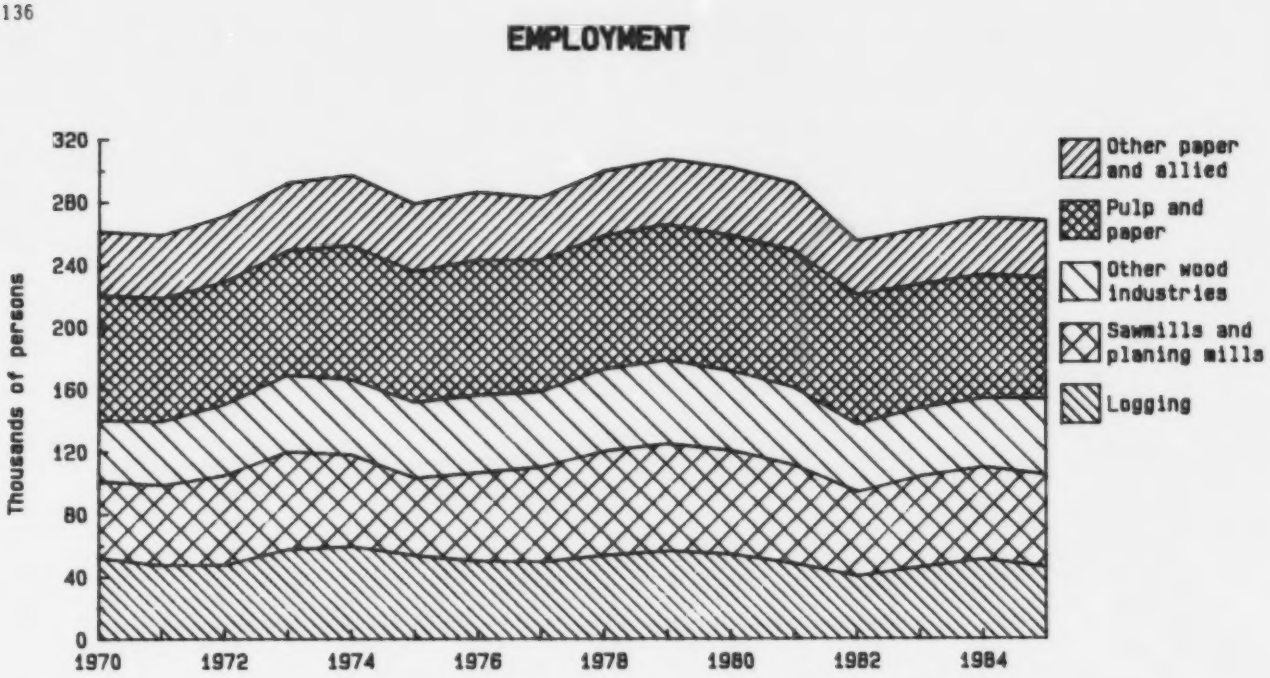

Figure 25. Employment in the forest industries by sector, 1970-1985.

Source: Statistics Canada, Census of manufactures, Cat. No. 25-202.

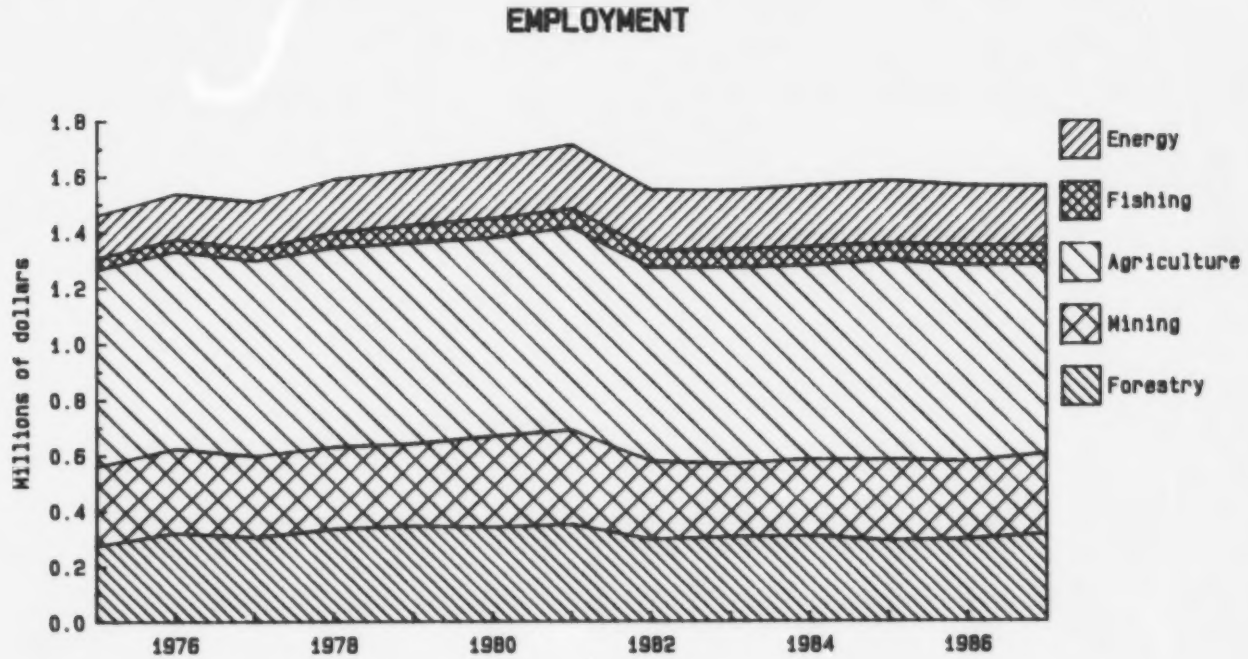

Figure 26. Employment by industry sector, 1975-1987.

Source: Statistics Canada, Cat. No. 71-201 and Labour Force Survey.

SECTION VI

SELLING PRICE INDEXES AND ANNUAL AVERAGE PRICES

The Industrial Product Price Indexes measure price changes for major commodities sold by Canadian manufacturers. Elemental indexes are calculated for 1314 Principal Commodity Group outputs as defined in the 1981 Input/Output (I/O) table. Weights used to aggregate commodity indexes are taken from the output or "Make" matrix of the I/O system which provides an integrated set of commodity values for all manufacturing industries.

About 10 000 prices are collected monthly from about 3 000 producers for goods sold which are valued at the boundary of the establishment, so that the cost of taxes collected at that point and transportation provided by public carriers beyond that point are excluded. Prices are reported in great detail for some transactions, enabling both the goods and the terms of sale to be identified. Such collections are instituted for important commodities. The sample size is increased where price movement has a regional aspect or where there are large flows of goods to export markets.

Sampling for the direct survey of an elemental indicator is usually done by a formal probability sampling procedure, wherein important producers are "must take" respondents and a random selection is made of the smaller producers. Such samples are redesigned according to a regular cycle as dictated by changes in the market. A given elemental indicator is usually supported by 12 to 15 price quotes, although some are derived from as few as 8 quotes or as many as 30 quotes.

The 1981 = 100 industry aggregation of elemental commodities can be directly related to the 1971 = 100 industry Selling Price Indexes which are available from 1956 to 1985. Link factors, derived from the relationship of the two series in December 1985, were published in the January issue of Catalogue 62-011.

VI - 1. SELECTED FOREST INDUSTRY SELLING PRICE INDEXES, 1956-1987
(1981 = 100)

Year	Wood Industries				Paper and allied industries		All manufacturing industries
	Sawmills and planing mills	Shingle mills	Veneer and plywood mills	Total	Pulp and paper mills	Total	
1956	33.6	18.4	31.8	29.3	25.5	27.0	29.1
1960	31.9	16.8	27.9	28.5	26.0	27.6	30.2
1965	34.7	22.1	30.1	31.3	27.6	29.1	31.6
1970	37.7	27.2	33.8	36.5	30.5	32.6	36.0
1971	43.5	33.3	37.5	40.7	30.3	32.7	36.7
1972	55.1	46.5	45.0	49.8	30.5	33.0	38.3
1973	70.5	54.2	51.8	61.9	34.4	36.6	42.6
1974	64.1	47.1	57.9	60.8	46.7	49.6	50.7
1975	63.5	58.3	59.8	61.7	57.4	58.3	56.4
1976	71.3	74.5	63.6	68.4	58.2	59.7	59.3
1977	83.0	90.0	65.8	76.9	62.1	63.2	64.0
1978	100.9	104.0	82.8	91.8	65.7	66.7	69.9
1979	119.5	102.9	90.9	106.3	78.4	78.3	80.0
1980	105.8	99.9	89.3	99.7	91.1	90.6	90.7
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1982	98.5	95.9	93.2	99.6	101.3	103.3	106.7
1983	111.4	113.2	101.1	109.8	95.1	99.9	110.4
1984	106.3	119.0	97.4	107.6	108.4	111.2	115.4
1985	107.8	107.2	100.2	109.7	108.5	112.6	118.6
1986	117.6	112.8	115.5	118.9	113.9	117.3	119.6
1987	119.1	115.9	115.5	121.9	126.5	128.4	122.7

Source: Statistics Canada Cat. No. 62-011.

VI - 2. SELLING PRICE INDEXES - SELECTED WOOD, PULP AND PAPER PRODUCTS, 1956-1987
(1981 = 100)

	Wood products							Wood pulp		Paper products			
	Softwood lumber				Hardwood lumber	Plywood							
Year	Spruce	Hem-lock	Western red cedar	Douglas-fir	Lumber and ties	Douglas-fir	Spruce and pine	Sulphite paper grades bleached for export	Sulphate paper grades bleached for export	Newsprint white in rolls for export	Other paper for writing	Fine papers	Paperboard
1956	41.6	32.0	..	32.0	..	30.1	..	25.9	24.7	...	26.0	30.0	35.6
1960	34.5	30.4	..	29.3	..	24.5	..	24.6	24.5	...	28.6	33.1	35.6
1965	39.7	31.9	..	33.0	..	28.1	..	25.9	26.2	26.9	30.3	35.0	35.7
1970	38.3	35.2	..	35.6	..	32.5	31.9	29.0	28.3	29.4	35.5	40.4	36.7
1971	48.0	39.8	..	42.8	..	36.9	38.8	28.1	27.9	29.2	36.5	41.3	36.7
1972	65.3	50.3	..	51.5	..	44.7	49.6	27.3	26.0	30.0	37.8	42.3	37.9
1973	80.6	69.1	..	68.8	..	51.3	53.2	33.8	32.7	31.9	43.7	48.3	41.9
1974	64.3	64.3	..	63.1	..	56.8	53.6	53.8	52.3	39.9	56.3	62.9	52.1
1975	63.3	63.1	..	62.4	..	59.4	58.3	66.2	66.6	50.2	59.9	67.1	56.3
1976	76.6	69.0	..	72.3	..	64.1	64.9	61.4	64.3	51.8	60.2	66.7	59.7
1977	90.7	81.1	..	87.6	..	65.5	66.0	63.0	64.9	61.4	63.4	68.2	61.2
1978	116.7	95.1	..	104.3	..	84.4	82.5	59.0	59.4	69.0	69.6	71.7	63.0
1979	132.5	125.4	..	129.9	..	90.2	86.3	78.4	77.7	78.2	80.8	81.7	73.5
1980	105.4	115.0	..	106.8	..	88.7	85.3	96.0	95.0	87.6	89.8	90.5	87.6
1981	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1982	93.9	99.0	105.3	96.0	96.9	90.3	88.3	92.4	93.6	104.7	105.7	105.8	101.9
1983	121.5	115.1	134.3	109.9	98.9	94.6	107.5	79.7	80.9	98.7	105.2	106.5	104.1
1984	109.7	105.2	130.1	104.8	106.3	89.0	95.4	97.1	102.3	109.6	113.9	114.8	115.2
1985	103.1	116.7	117.7	110.8	106.5	92.6	103.1	83.7	87.3	119.7	121.5	116.2	117.3
1986	129.5	128.9	130.0	119.2	104.6	112.8	129.0	95.6	98.2	123.0	122.4	119.6	119.6
1987	122.5	137.4	130.9	120.5	105.1	107.9	126.2	119.2	122.4	129.2	125.9	127.9	130.7

Source: Statistics Canada Cat. No. 62-011.

VI - 3. ANNUAL AVERAGE PRICE STATISTICS FOR SELECTED FOREST PRODUCTS, 1970-1987

Year	Lumber: Kiln dried, Standard and better 2x4 Random 8/20', Prices net f.o.b. mills: Douglas fir	Western spruce-pine-fir	Hemlock-fir: Coast	Hemlock-fir: Inland	Prices net: Delivered Great Lakes, Eastern spruce-pine-fir	Kiln dried, Stud grade 2x4-8', Prices net: Delivered Northeastern U.S., Eastern spruce-pine-fir	Prices net f.o.b. mills: Western spruce-pine-fir	Green, Standard and better 2x4 Random 8/20', Prices net f.o.b. mills: Delivered Toronto, Eastern spruce-pine-fir	British Columbia to U.S., Douglas fir	Green, Stud 2x4-8', Prices net: Delivered Toronto, Eastern spruce-pine-fir	Newsprint: Average price of Canadian newsprint[a] delivered to New York	Wood Pulp: Price paid by contract buyers of bleached softwood kraft delivered to Northern U.S.
	Per thousand board feet										------ U.S. $ tonne -----	
	U.S. $							Can. $	U.S. $	Can. $		
1970	85	71	..	79	..	..	66	..	75	..	167.55	0
1971	109	98	..	109	..	..	97	..	97	..	174.17	0
1972	136	133	..	139	..	..	125	..	128	..	181.42	173
1973	176	158	..	173	..	..	133	..	160	..	192.90	220
1974	144	126	..	143	162	147	106	..	126	..	231.49	341
1975	148	123	..	139	164	161	118	..	131	..	286.60	410
1976	178	151	..	171	198	190	147	..	154	..	311.40	405
1977	213	173	..	200	217	213	181	185	187	189	333.45	366
1978	241	209	..	235	252	244	199	243	213	219	348.33	336
1979	260	225	..	254	278	229	177	295	234	222	385.80	428
1980	209	168	..	202	232	211	152	240	181	207	436.00	519
1981	190	156	..	189	227	216	149	240	166	230	482.50	536
1982	167	140	162	175	211	198	128	233	144	208	494.83	496
1983	222	185	213	218	262	255	187	279	188	270	479.33	431
1984	202	154	186	191	238	234	158	266	159	255	517.50	513
1985	205	153	188	191	235	228	153	280	175	268	535.00	427
1986	215	184	206	215	269	232	156	324	180	282	543.75	461
1987	227	200	221	232	293	241	161	333	190	278	590.00	578

[a]For the years before 1975, the prices shown are for 32-pound newsprint; the prices shown in subsequent years are for 30-pound newsprint.

Source: Random Lengths Yearbook. Canadian Pulp and Paper Association, Reference Tables 1987. Resource Information Systems Inc., Pulp and Paper Review.

SECTION VII

FINANCIAL STATISTICS AND ECONOMIC INDICATORS

- Capital and repair expenditures
- Contribution to Canadian Gross Domestic Product
- Corporate profits and profitability
- Economic indicators
- Income taxes

Gross Domestic Product

From now on, the gross domestic product (GDP) will replace the gross national product (GNP) in table VII-6 as a measure of the Canadian collective income. This change is in accordance with the System of National Accounts of Statistics Canada and with the international practice recommended by the United Nations.

According to Statistics Canada, the GDP allows for a better analysis of the economic performance of the country as it measures the production originating in the country, whereas the GNP is adjusted for the flow of interests and incomes crossing the national border.

In table VII-7, VII-8 and VII-9, you will notice that the national GDP is shown to be greater than the sum of the provincial GDPs. This is mainly because the domestic territory of the country is defined to include embassies and military bases on foreign soil. Thus there is Canadian domestic production that does not occur within the geographic boundaries of any province or territory.

Statistics Canada's change of approach results in an upward revision of the aggregate estimations. New surveys and information sources have allowed re-examination of the data from 1961 until 1985. The major sources of change are: day care fees, unrecorded income in construction, indirect taxes and investment income of municipalities, and residential repairs.

More details are available from Statistics Canada, catalogue 13-001, first quarter 1986, and catalogue 13-213.

VII - 1. CORPORATE PROFITS AND PROFITABILITY[a] - FOREST INDUSTRIES, 1970-1985

	Wood industries			Paper and allied industries			Manufacturing industries		
Year	Before tax	After tax	Profitability	Before tax	After tax	Profitability	Before tax	After tax	Profitability
	$000 000		%	$000 000		%	$000 000		%
1970	-13	-22	-0.6	229	155	3.7	2 899	1 662	5.5
1971	51	10	1.8	111	64	2.2	3 679	2 179	6.7
1972	189	90	6.0	139	65	2.4	4 361	2 590	7.5
1973	480	284	15.7	799	573	10.1	6 607	4 142	10.6
1974	188	94	6.2	1 337	852	12.2	8 697	5 272	11.6
1975	60	9	1.5	826	574	7.8	7 652	4 564	9.1
1976	206	94	5.1	573	343	5.4	7 367	4 542	8.5
1977	402	232	9.7	582	308	4.5	7 397	4 561	6.8
1978	750	474	15.7	1 191	817	8.9	10 065	6 492	9.7
1979	874	546	15.6	1 621	905	8.9	14 213	9 064	11.6
1980	380	242	6.4	2 465	1 604	13.0	15 109	9 498	10.6
1981	69	36	1.7	2 096	1 536	10.3	14 396	9 076	8.8
1982	-277	-190	-3.2	-39	28	1.4	4 910	2 843	3.4
1983	220	167	4.9	-25	32	1.1	8 796	5 715	5.7
1984	173	137	4.1	917	714	4.8	15 767	10 704	8.7
1985	382	296	7.0	787	460	3.2	15 096	10 006	7.4

[a]Profitability was obtained by dividing after-tax profits plus interest on long-term debt by capital employed.

Source: Statistics Canada Cat. No. 61-207.

VII - 2. CORPORATE INCOME TAXES PAID BY FOREST INDUSTRIES, 1970-1986

Year	Forestry services and logging			Wood industries			Paper and allied industries			Total		
	Federal	Provincial	Total	Federal	Provincial	Total	Federal	Provincial	Total	Federal	Provincial	Total
							$000 000					
1970	4.4	1.5	5.9	12.3	4.3	16.6	57.9	15.8	73.7	74.6	21.6	96.2
1971	4.3	1.7	6.0	21.3	6.8	28.1	45.1	12.7	57.8	70.7	21.2	91.9
1972	7.7	2.7	10.4	51.9	15.9	67.8	51.9	17.4	69.3	111.5	36.0	147.5
1973	14.4	5.0	19.4	94.1	35.0	129.1	107.0	39.8	146.8	215.5	79.8	295.3
1974	11.8	4.2	16.0	48.2	19.5	67.7	219.4	85.6	305.0	279.4	109.3	388.7
1975	7.0	2.9	9.9	38.6	16.2	54.8	108.8	44.3	153.1	154.4	63.4	217.8
1976	7.9	5.0	12.9	58.6	28.5	87.1	96.8	45.3	142.1	163.3	78.8	242.1
1977	10.5	7.1	17.6	79.5	38.5	118.0	97.1	45.8	142.9	187.1	91.4	278.5
1978	10.7	7.7	18.4	127.0	68.0	195.0	156.3	80.4	236.7	294.0	156.1	450.1
1979	24.4	14.9	39.3	161.6	86.8	248.4	298.7	160.6	459.3	484.7	262.3	747.0
1980	32.2	17.8	50.1	67.9	39.3	107.2	331.4	176.4	507.8	431.5	233.5	665.1
1981	13.2	9.0	22.2	45.5	25.4	70.9	201.9	110.9	312.8	260.6	145.3	405.9
1982	10.3	5.8	16.1	27.4	12.0	39.4	73.1	41.1	114.2	110.8	58.9	169.7
1983	12.3	7.1	19.4	45.3	20.1	65.4	60.5	34.9	95.4	118.1	62.1	180.2
1984	15.7	8.7	24.3	37.5	21.1	58.6	87.0	72.2	159.2	140.2	102.0	242.1
1985	15.3	9.0	24.3	43.5	25.4	68.9	113.8	88.1	202.0	172.6	122.5	295.2
1986p	16.5	11.3	27.8	70.3	48.6	118.9	129.1	115.6	244.7	215.9	175.5	391.4

Source: Statistics Canada Cat. No. 61-208 and 61-208P.

VII - 3. PROVINCIAL ALLOCATION OF TAXABLE INCOME BY FOREST INDUSTRY SECTOR AND PROVINCE, 1970-1986

Sector/ year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Other[a]	Canada
							$000						
A. Forestry services and logging													
1970	x	-	155	344	866	832	x	x	x	18 603	-	x	21 454
1971	206	-	177	528	1 763	954	66	-	528	16 399	-	x	20 670
1972	132	-	303	712	x	2 577	23	x	415	23 963	x	-	29 690
1973	189	-	861	612	1 871	4 645	x	x	495	43 378	x	x	52 169
1974	271	-	1 674	741	2 234	4 172	x	x	x	32 290	-	x	42 160
1975	108	-	545	834	x	2 105	x	224	x	22 015	x	-	28 942
1976	215	-	501	872	2 973	2 753	x	332	1 474	34 246	x	-	43 436
1977	109	-	x	902	2 628	3 429	29	325	1 597	45 937	x	x	56 817
1978	140	-	1 622	1 280	x	5 573	77	372	1 478	50 102	x	x	65 406
1979	305	-	2 637	1 607	11 299	7 589	x	x	2 451	99 676	x	x	126 210
1980	434	-	3 512	1 963	12 282	11 374	19 549	x	2 798	114 621	x	x	147 949
1981	791	x	2 713	2 197	11 658	8 525	x	908	x	54 577	x	197	84 185
1982	615	x	1 180	1 972	14 304	9 983	x	752	x	42 751	118	x	74 519
1983	570	x	1 101	x	17 516	11 600	471	938	x	59 001	x	x	98 463
1984	563	x	3 560	5 538	28 982	18 196	520	x	4 775	64 340	113	x	127 827
1985	703	x	2 993	5 532	36 188	17 021	489	x	x	62 707	x	x	131 440
1986p	746	x	3 542	5 788	37 198	20 104	561	x	x	68 564	x	x	144 200
B. Wood industries													
1970	x	x	835	722	10 746	10 789	399	361	4 089	11 323	-	-	39 326
1971	51	x	996	646	14 473	13 273	457	1 773	5 114	32 558	-	-	69 343
1972	73	x	1 775	1 081	32 502	22 433	627	4 851	15 921	82 103	x	-	162 635
1973	149	x	3 124	6 996	64 166	39 709	1 561	6 640	14 949	201 771	x	-	339 351
1974	x	31	4 219	6 879	40 992	37 986	1 455	2 210	8 552	80 340	x	-	182 922
1975	x	421	3 672	4 442	29 039	32 336	2 085	4 612	10 903	62 144	-	x	150 364
1976	x	x	4 959	1 918	37 071	35 027	3 192	2 980	17 526	142 174	-	-	245 446
1977	x	120	4 171	2 519	57 050	35 196	3 559	4 678	14 638	206 250	-	x	332 455
1978	x	128	3 879	4 234	65 469	52 091	3 981	10 233	23 071	391 233	-	x	554 759
1979	x	179	6 014	8 177	107 581	79 470	3 869	8 082	33 625	449 784	-	490	697 696
1980	253	116	x	3 647	62 435	57 150	2 856	3 399	15 243	170 238	x	201	318 650
1981	265	93	1 909	2 781	44 300	58 474	3 683	2 807	12 833	80 440	-	50	207 635
1982	250	78	2 004	2 425	38 132	46 399	3 130	1 522	8 671	30 931	-	x	133 575
1983	296	303	3 382	x	83 914	58 587	6 653	6 237	6 909	64 391	-	277	236 027
1984	357	276	5 095	10 136	105 775	65 467	6 775	5 979	8 195	56 870	x	x	265 182
1985	574	37	5 608	5 810	110 273	72 581	6 404	6 338	10 432	81 084	x	x	299 220
1986p	492	x	6 663	11 132	127 982	98 154	6 895	9 060	15 680	197 995	x	106	474 265

VII - 3. PROVINCIAL ALLOCATION OF TAXABLE INCOME BY FOREST INDUSTRY SECTOR AND PROVINCE, 1970-1986 (CONCLUDED)

Sector/ year	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon and N.W.T.	Other[a]	Canada
							$000						
C. Paper and allied industries													
1970	94	-	3 803	2 438	25 414	58 362	4 696	239	8 316	42 877	-	40	146 279
1971	63	x	2 961	1 175	27 767	40 439	3 142	411	6 581	41 345	-	x	124 160
1972	125	-	3 022	1 081	38 277	46 339	2 455	457	5 438	53 904	-	407	151 505
1973	404	244	5 684	11 515	78 749	112 882	5 083	865	15 904	127 537	-	1 662	360 529
1974	19 466	x	11 700	32 087	278 793	261 061	10 402	1 746	35 206	92 699	-	1 046	744 411
1975	14 706	x	35 107	16 689	154 556	107 563	3 578	639	32 969	20 936	x	x	387 540
1976	365	-	26 872	3 216	107 528	70 511	1 904	4 221	34 611	125 506	x	x	375 114
1977	10 010	-	34 381	x	119 398	81 251	3 939	3 058	27 012	105 022	-	x	392 895
1978	35 689	35	34 085	6 379	252 538	151 874	2 620	972	18 892	140 532	-	x	644 059
1979	48 669	x	63 381	17 075	439 221	284 771	4 612	1 965	39 133	391 886	x	245	1 291 115
1980	55 351	x	100 660	40 659	486 492	409 936	9 395	34 455	54 367	184 971	-	x	1 378 262
1981	51 926	x	67 579	21 207	207 481	365 371	8 815	5 789	39 790	64 293	-	x	837 138
1982	2 351	-	29 912	4 868	139 634	108 902	6 685	x	33 316	10 054	-	x	336 571
1983	1 992	-	10 937	7 243	112 398	174 776	7 671	775	21 222	9 989	-	-	347 003
1984	12 533	x	35 143	20 477	260 302	275 447	10 652	x	43 878	20 136	-	x	680 540
1985	22 743	x	15 287	15 134	328 313	387 143	16 119	x	33 201	21 778	-	x	842 449
1986p	17 234	x	37 681	15 084	403 308	417 915	14 792	x	54 580	125 112	-	517	1 089 100
D. Forest industries													
1970	94	x	4 793	3 504	37 026	69 983	5 095	600	12 405	72 803	-	40	206 343
1971	320	x	4 134	2 349	44 003	54 666	3 665	2 184	12 223	90 302	-	x	214 173
1972	330	x	3 159	2 874	70 779	71 349	3 105	5 308	21 854	159 970	x	407	343 830
1973	742	244	9 669	19 123	144 786	157 236	6 644	7 505	30 853	372 686	x	1 662	752 049
1974	19 737	31	17 593	39 707	322 019	303 219	11 857	3 956	43 758	205 329	x	1 046	969 493
1975	14 814	421	39 324	21 965	183 596	142 004	5 663	5 475	43 872	105 095	x	x	566 846
1976	580	x	32 332	6 006	147 572	108 291	5 096	7 533	53 611	301 926	x	x	663 996
1977	10 119	120	38 552	3 421	179 076	119 876	7 527	8 061	43 247	357 209	x	x	782 167
1978	35 829	163	39 586	11 893	318 007	209 538	6 678	11 577	43 441	581 867	x	x	1 264 224
1979	48 974	179	72 032	26 859	558 101	371 830	8 481	10 047	75 209	941 346	x	735	2 115 021
1980	56 038	116	104 172	46 269	561 209	478 460	31 800	37 854	72 408	469 830	x	50	1 844 861
1981	52 982	93	72 201	26 185	263 439	432 370	44 298	9 504	52 623	199 310	x	197	1 128 958
1982	3 216	78	33 096	9 265	192 070	165 284	9 815	2 274	41 987	83 736	118	x	544 665
1983	2 858	303	15 420	7 243	213 828	244 963	14 795	7 950	28 131	133 381	x	277	681 493
1984	13 453	276	43 798	36 151	395 059	359 110	17 947	5 979	56 848	141 346	113	x	1 073 549
1985	24 020	37	23 888	26 476	474 774	476 745	23 012	6 338	43 633	165 569	x	x	1 273 109
1986p	18 472	x	47 886	32 004	568 488	536 173	22 248	9 060	70 260	391 671	x	623	1 707 565

[a]Other: Including other jurisdictions.

Source: Statistics Canada Cat. No. 61-208 and 61-208P.

VII - 4. CAPITAL AND REPAIR EXPENDITURES BY FOREST INDUSTRIES, 1950-1988

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairie provinces	Total[a]
			$000 000			
A. Logging industry						
1960	23.8	16.3	48.1	10.4	3.8	102.4
1970	28.5	26.5	103.3	10.7	3.5	172.5
1971	27.2	26.7	109.3	11.3	7.1	181.8
1972	28.9	31.5	134.2	13.3	8.6	216.0
1973	41.7	46.0	175.2	27.9	11.2	302.0
1974	71.3	58.6	215.2	30.2	16.1	391.4
1975	74.7	59.7	179.7	23.3	21.7	359.1
1976	57.9	54.7	231.2	22.5	15.7	382.0
1977	56.6	73.5	265.3	22.6	21.5	439.5
1978	66.4	80.0	307.5	22.3	26.3	502.5
1979	94.5	97.3	343.0	26.0	28.3	589.1
1980	107.0	126.4	401.0	33.9	40.7	709.0
1981	106.2	139.1	294.9	36.4	41.0	617.6
1982	68.8	81.6	205.9	21.3	25.3	402.9
1983	67.3	97.8	274.9	17.1	15.8	472.9
1984	74.9	120.4	307.8	19.5	18.7	541.3
1985	68.7	123.2	283.4	33.3	20.3	528.9
1986	60.2	127.7	287.2	33.2	20.1	528.4
1987 rev. for.[b]	62.1	106.2	302.5	36.5	23.3	530.6
1988 for.[c]	76.4	127.9	321.7	42.3	29.9	598.2
B. Wood industries						
1950	..	10.1	28.1	..	..	54.2
1960	10.5	11.9	46.4	3.1	3.7	75.6
1970	25.8	30.3	139.9	9.4	18.9	224.3
1971	26.8	25.3	158.8	7.0	26.1	244.0
1972	46.2	39.8	167.7	9.6	24.4	287.7
1973	70.6	63.2	235.4	21.3	26.3	416.8
1974	83.3	92.2	212.2	25.3	31.1	444.1
1975	76.1	80.5	183.3	26.3	42.6	408.9
1976	67.9	58.6	225.0	28.7	64.9	445.1
1977	66.8	59.0	286.7	18.5	34.9	466.0
1978	66.5	69.8	390.8	26.2	37.5	590.9
1979	89.4	80.3	466.0	19.4	61.4	716.5
1980	108.6	104.7	508.1	21.6	53.1	796.1
1981	87.7	101.7	469.5	14.2	71.4	744.5
1982	150.6	80.0	295.0	9.7	51.1	586.4
1983	120.0	85.8	329.4	13.8	71.8	620.8
1984	115.2	105.8	403.3	23.7	52.7	700.7
1985	151.0	94.2	402.3	15.9	60.1	723.9
1986	142.6	111.3	453.2	17.3	136.2	861.0
1987 rev. for.[b]	133.8	160.7	688.5	26.8	106.2	1 116.4
1988 for.[c]	223.6	213.4	884.4	24.5	135.8	1 482.1

VII - 4. CAPITAL AND REPAIR EXPENDITURES BY FOREST INDUSTRIES, 1950-1988 (CONCLUDED)

Year	Quebec	Ontario	British Columbia	Atlantic provinces	Prairie provinces	Total[a]
			$000 000			
C. Paper and allied industries						
1950	45.1	44.3	33.0	..[d]	15.8	138.2
1960	95.2	64.9	56.3	47.7	5.2	269.4
1970	152.1	162.5	192.7	191.0	60.1	758.4
1971	122.8	160.2	261.5	194.4	42.6	781.5
1972	171.4	132.7	226.1	108.9	69.3	708.4
1973	263.3	162.1	154.5	56.5	76.4	712.8
1974	348.7	251.6	230.3	93.2	44.1	967.9
1975	308.8	282.6	199.4	110.5	53.4	954.7
1976	336.2	392.4	264.4	123.8	70.0	1 186.8
1977	371.7	385.2	316.6	145.6	70.3	1 289.4
1978	390.7	289.3	339.0	157.2	84.3	1 260.5
1979	434.4	404.8	391.2	234.6	85.9	1 550.9
1980	580.7	530.7	692.5	265.9	82.4	2 152.2
1981	724.6	898.7	964.9	385.1	112.3	3 085.6
1982	724.0	810.0	674.6	479.0	88.9	2 776.5
1983	651.5	493.3	305.7	349.2	89.1	1 888.8
1984	752.7	608.7	454.3	274.6	105.2	2 195.5
1985	994.8	908.8	534.1	566.3	166.4	3 170.4
1986	1 408.0	676.8	553.0	504.2	126.6	3 268.6
1987 rev. for.[b]	1 502.8	708.9	868.9	457.2	302.8	3 840.6
1988 for.[c]	1 400.7	918.6	1 224.7	581.4	607.2	4 732.6
D. Forest industries						
1960	129.5	93.1	150.8	61.2	12.7	447.3
1970	209.1	219.3	435.9	211.1	82.5	1 155.2
1971	176.8	212.2	529.6	212.7	75.8	1 207.3
1972	246.5	204.0	528.0	131.8	102.3	1 212.1
1973	375.6	271.3	565.1	105.5	113.9	1 431.6
1974	503.3	402.4	657.7	148.7	91.3	1 803.4
1975	459.6	422.8	562.4	160.1	117.7	1 722.6
1976	462.0	505.7	720.6	175.0	150.6	2 013.9
1977	495.1	517.7	868.6	186.7	126.7	2 194.8
1978	523.6	439.1	1 037.3	205.7	148.1	2 353.8
1979	618.3	582.4	1 200.2	280.0	175.6	2 856.5
1980	796.3	761.8	1 601.6	321.4	176.2	3 657.3
1981	918.5	1 139.5	1 729.3	435.7	224.7	4 447.7
1982	943.4	971.6	1 175.5	510.0	165.3	3 765.8
1983	838.8	676.9	910.0	380.1	176.7	2 982.5
1984	942.8	834.9	1 165.4	317.8	176.6	3 437.5
1985	1 214.5	1 126.2	1 219.8	615.5	246.8	4 423.2
1986	1 610.8	915.8	1 293.4	554.7	282.9	4 658.0
1987 rev. for.[b]	1 698.7	975.8	1 859.9	520.5	432.3	5 487.6
1988 for.[c]	1 700.7	1 259.9	2 430.8	648.2	772.9	6 812.9

[a] Includes Northwest Territories and Yukon.
[b] Revised forecast.
[c] Forecast.
[d] Included in Prairie provinces.

Source: Statistics Canada Cat. No. 25-202, 61-205 and 61-206.

VII - 5. GENERAL ECONOMIC INDICATORS BY QUARTER, 1982-1987

Year	Quarter	Gross domestic product[a] at 1981 prices percent change	Consumer price index (1981=100) percent change	Unemployment rate[a] (%)	Canadian dollar U.S. funds	Merchandise trade balance ($000 000)	Prime rate (%)	Toronto Stock Exchange 300 (1975=1000)
1982	1	-1.2	2.5	8.9	0.8273	+3 321	16.67	1 682.0
	2	-1.2	3.1	10.4	0.8037	+4 637	17.42	1 479.6
	3	-0.7	2.1	12.2	0.8002	+5 132	16.08	1 542.4
	4	-0.8	1.6	12.8	0.8121	+4 564	13.08	1 856.8
1983	1	1.7	0.6	12.5	0.8148	+4 321	11.67	2 092.6
	2	2.3	1.4	12.2	0.8123	+5 268	11.00	2 402.8
	3	1.6	1.6	11.6	0.8112	+3 953	11.00	2 486.8
	4	0.8	0.9	11.1	0.8075	+3 916	11.00	2 484.8
1984	1	1.4	1.3	11.4	0.7966	+4 094	11.17	2 423.6
	2	2.7	0.8	11.4	0.7737	+5 338	12.00	2 258.0
	3	1.0	0.9	11.3	0.7611	+5 281	13.17	2 307.2
	4	1.3	0.7	11.1	0.7585	+5 524	11.92	2 374.0
1985	1	0.7	1.2	11.1	0.7391	+5 249	11.42	2 600.9
	2	0.7	1.1	10.6	0.7303	+4 721	10.58	2 694.7
	3	0.8	0.9	10.2	0.7353	+3 185	10.33	2 743.6
	4	1.7	0.9	10.1	0.7250	+3 771	10.00	2 810.9
1986	1	0.6	1.2	9.7	0.7124	+2 442	12.00	2 915.3
	2	1.0	0.8	9.6	0.7225	+3 134	10.58	3 095.5
	3	0.1	1.2	9.7	0.7218	+2 326	9.75	2 980.9
	4	-	1.0	9.4	0.7221	+2 486	9.75	3 050.6
1987	1	1.5	0.9	9.6	0.7476	+3 150	9.08	3 529.1
	2	1.3	1.4	9.0	0.7503	+3 008	9.42	3 714.1
	3	1.3	1.2	8.7	0.7563	+2 744	9.83	3 975.4
	4	1.5	0.7	8.2	0.7630	+1 439	9.75	3 052.6

[a]Seasonally adjusted at annual rates.

Source: Statistics Canada Cat. No. 13-001, 13-004, 13-007, and 11-010.

VII - 6. GENERAL ECONOMIC INDICATORS, 1970-1987

Year	G.D.P.[a] at market price		G.D.P. in constant (1981 dollar)		Implicit price index		Consumer price index		Unemployment rate	Canadian dollar in U.S. funds	Merchandise trade balance	Prime rate	Conventional 5-yr mortgage rate
	Value ($000 000)	Percent change	Value ($000 000)	Percent change	(1981=100)	Percent change	(1981=100)	Percent change	%		$000 000	%	%
1970	89 116	7.3	219 498	2.6	40.6	4.6	41.0	3.3	5.7	0.9579	+2 951	8.17	10.45
1971	97 290	9.2	232 137	5.8	41.9	3.2	42.2	2.9	6.2	0.9903	+2 468	6.48	9.43
1972	108 629	11.7	245 441	5.7	44.3	5.7	44.2	4.7	6.2	1.0096	+1 951	6.00	9.21
1973	127 372	17.3	264 369	7.7	48.2	8.8	47.6	7.7	5.5	0.9999	+2 923	7.65	9.59
1974	152 111	19.4	276 006	4.0	55.1	14.3	52.8	10.9	5.3	1.0225	+1 835	10.75	11.24
1975	171 540	12.8	283 187	2.6	60.6	10.0	58.5	10.8	6.9	0.9830	-345	9.42	11.43
1976	197 924	15.4	300 638	6.1	65.8	8.6	62.9	7.5	7.1	1.0141	+1 559	10.04	11.78
1977	217 879	10.1	311 504	3.6	69.9	6.2	67.9	7.9	8.1	0.9403	+2 972	8.50	10.36
1978	241 604	10.9	325 751	4.6	74.2	6.1	73.9	8.8	8.3	0.8770	+4 312	9.69	10.59
1979	276 096	14.3	338 362	3.9	81.6	10.0	80.7	9.2	7.4	0.8536	+4 424	12.90	11.17
1980	309 891	12.2	343 384	1.5	90.2	10.7	88.9	10.2	7.5	0.8554	+ 8 778	14.25	14.31
1981	355 994	14.9	355 994	3.7	100.0	10.9	100.0	12.5	7.5	0.8340	+ 7 292	19.29	18.15
1982	374 442	5.2	344 543	-3.2	108.7	8.7	110.8	10.8	11.1	0.8103	+17 654	15.81	17.89
1983	405 717	8.4	355 445	3.2	114.1	5.0	117.2	5.8	11.9	0.8114	+17 457	11.17	13.29
1984	445 604	9.8	377 755	6.3	118.0	3.4	122.3	4.4	11.3	0.7723	+20 237	12.06	13.61
1985	479 446	7.6	393 817	4.3	121.7	3.1	127.2	4.0	10.5	0.7325	+16 926	10.58	12.18
1986	509 898	6.4	406 931	3.3	125.3	3.0	132.4	4.1	9.6	0.7199	+10 388	10.52	11.22
1987	553 870	8.6	422 602	3.9	131.0	4.5	138.2	4.3	8.9	0.7541	+10 341	9.52	11.14

[a]Gross domestic product. In 1987, GDP data were revised back to 1982.

Source: Statistics Canada Cat. No. 13-001, 62-010, 67-001, 71-001, and Bank of Canada Review.

VII - 7. RELATION BETWEEN GROSS DOMESTIC PRODUCT (G.D.P.) AT MARKET PRICE AND GROSS DOMESTIC PRODUCT AT FACTOR COST, 1970-1987

Year	G.D.P. at market price	Deduct: indirect taxes less subsidies	Deduct: statistical discrepancy	Equals: G.D.P. at factor cost
	$000 000			
1970	89 116	11 095	684	77 337
1971	97 290	12 053	792	84 445
1972	108 629	13 627	147	94 855
1973	127 372	15 311	14	112 047
1974	152 111	17 867	-560	134 804
1975	171 540	17 087	90	154 363
1976	197 924	20 992	-141	177 073
1977	217 879	23 188	1 109	193 582
1978	241 604	24 819	-59	216 844
1979	276 096	26 635	-199	249 660
1980	309 891	27 272	45	282 574
1981	355 994	36 457	173	319 364
1982	374 442	38 908	350	335 184
1983	405 717	40 135	2 247	363 335
1984	445 604	43 023	1 608	400 973
1985	479 446	47 456	2 121	429 869
1986	509 898	53 923	1 841	454 134
1987	553 870	58 362	2 137	493 371

Source: Statistics Canada Cat. No. 11-010.

VII - 8. FOREST INDUSTRIES DIRECT CONTRIBUTION TO CANADIAN GROSS DOMESTIC PRODUCT (G.D.P.) AT FACTOR COST[a], 1970-1987 (1981 Prices)

	G.D.P. at factor cost	Forestry services		Wood industries		Paper and allied industries		Total forest industries[a]	
Year	$000 000	$000 000	%	$000 000	%	$000 000	%	$000 000	%
1970	203 024.8	1 675.1	0.8	2 048.0	1.0	5 360.9	2.6	9 084.0	4.5
1971	214 902.9	1 643.8	0.8	2 097.8	1.0	5 286.9	2.5	9 028.5	4.2
1972	227 067.2	1 773.8	0.8	2 121.8	0.9	5 751.6	2.5	9 647.2	4.2
1973	244 958.8	1 984.4	0.8	2 336.9	1.0	6 218.0	2.5	10 539.3	4.3
1974	253 979.9	1 994.0	0.8	2 423.9	1.0	6 730.6	2.7	11 148.5	4.4
1975	257 532.0	1 608.5	0.6	2 153.3	0.8	4 790.5	1.9	8 552.3	3.3
1976	272 995.6	1 743.8	0.6	2 611.0	1.0	5 911.9	2.2	10 266.7	3.8
1977	281 762.1	1 875.4	0.7	2 897.5	1.0	5 840.3	2.1	10 613.2	3.8
1978	290 559.5	2 082.2	0.7	2 906.6	1.0	6 455.8	2.2	11 444.6	3.9
1979	301 852.5	2 061.5	0.7	2 915.8	1.0	6 373.9	2.1	11 351.2	3.8
1980	307 388.8	2 094.4	0.7	3 108.0	1.0	6 243.9	2.0	11 446.3	3.7
1981	319 538.1	2 045.0	0.6	2 986.2	0.9	5 996.8	1.9	11 028.0	3.5
1982	307 863.5	1 708.9	0.6	2 415.7	0.8	5 139.5	1.7	9 264.1	3.0
1983	317 858.7	2 254.4	0.7	2 986.0	0.9	5 753.3	1.8	10 993.7	3.5
1984	337 080.8	2 451.1	0.7	3 494.6	1.0	5 953.2	1.8	11 898.9	3.5
1985	353 291.9	2 408.4	0.7	3 748.3	1.1	6 182.9	1.8	12 339.6	3.5
1986	364 522.4	2 451.3	0.7	3 664.7	1.0	6 552.3	1.8	12 668.3	3.5
1987	378 977.0	2 638.1	0.7	4 153.5	1.1	6 849.7	1.8	13 641.3	3.6

[a]GDP at factor cost in 1981 prices is a summation of all industries and there is no adjustments for the statistical discrepancy.

Source: Statistics Canada Cat. No. 15-001.

VII - 9. FOREST INDUSTRIES DIRECT CONTRIBUTION TO CANADIAN GROSS DOMESTIC PRODUCT (G.D.P.) BY PROVINCE, 1984

Province	Provincial G.D.P. at market prices	Indirect taxes	Subsidies	G.D.P. at factor cost	Forestry services		Wood industries		Paper and allied industries		Total forest industries	
	$000 000				$000 000	%	$000 000	%	$000 000	%	$000 000	%
Nfld.	6 030	676	133	5 487	52.8	1.0	8.1	0.1	x	x	x	x
P.E.I.	1 298	142	47	1 203	0.2	-	6.7	0.6	-	-	-	x
N.S.	10 706	1 402	440	9 744	39.9	0.4	48.4	0.5	186.1	1.9	274.4	2.8
N.B.	8 359	1 166	267	7 460	193.8	2.6	87.8	1.1	272.2	3.6	553.8	7.4
Altantic	26 393	3 386	887	23 894	286.7	1.2	151.0	0.6	x	x	x	x
Que	100 962	13 636	2 303	89 629	389.9	0.4	876.3	1.0	2 255.0	2.5	3 521.2	3.9
Ont.	170 632	22 710	2 046	149 968	442.6	0.3	657.6	0.4	2 070.0	1.4	3 170.2	2.1
Man.	16 559	2 010	431	14 980	19.9	0.1	52.9	0.3	90.2	0.6	163.0	1.1
Sask.	16 861	1 902	977	15 936	22.9	0.1	34.5	0.2	x	x	x	x
Alta.	59 509	4 808	3 328	58 029	34.1	0.1	199.8	0.3	198.0	0.3	431.9	0.7
Prairies	92 929	8 720	4 736	88 945	76.9	0.1	287.2	0.3	x	x	x	x
B.C.	50 994	6 562	936	45 368	1 220.8	2.7	1 433.1	3.2	1 248.3	2.8	3 902.2	8.6
Yukon and N.W.T.	1 868	88	44	1 824	-	-	-	-	-	-	-	-
Total	**443 778**	**55 102**	**10 952**	**399 628**	**2 416.9**	**0.6**	**3 405.2**	**0.9**	**6 495.0**	**1.6**	**12 317.1**	**3.1**

Source: Statistics Canada Cat. No. 13-213 and 15-203.

SECTION VIII

RELATED DATA

- Housing starts
- Transportation

VIII - 1. TRANSPORT STATISTICS BY FOREST PRODUCTS, 1984-1987

Forest products	Railways			Trucking				Marine traffic							
	Revenue freight loaded domestically onto railway cars in Canada			For hire		Private		Cargo tonnes loaded	Tonnes loaded (exports)	Tonnes unloaded (imports)		Cargo tonnes loaded	Tonnes loaded (exports)	Tonnes unloaded (imports)	
	1985	1986	1987	Class 1-2	Class 3	1985	Total	1984			Total	1985			Total
								1 000 t							
Primary wood products	12 069	12 007	12 031	13 605	5 334	4 872	23 811	12 724	4 453	88	17 265	14 319	3 615	283	18 217
Logs and bolts	1 263	1 417	1 414	4 894	..	2 156	..	8 912	2 413	63	11 388	10 255	1 837	203	12 296
Pulpwood	1 994	1 813	1 543	946	..	1 993	..	3 809	2 037	10	5 856	4 063	1 773	68	5 903
Wood chips	8 812	8 777	9 074	7 609	..	235	..	..	..	..	..	..	..	..	..
Other primary products	..	..	..	156	..	488	..	4	3	15	21	1	5	12	18
Wood-fabricated materials	10 071	9 768	10 763	6 047	1 543	4 192	11 782	614	5 319	97	6 030	673	5 524	196	6 392
Lumber	8 545	8 356	9 079	4 707	..	3 632	..	599	5 099	63	5 760	662	5 310	135	6 107
Other wood products	1 526	1 412	1 684	1 340	..	560	..	15	220	34	269	11	214	61	285
Wood pulp and paper products	12 437	12 934	13 504	2 032	493	345	3 670	947	6 651	249	7 847	1 003	7 059	286	8 348
Wood pulp	5 766	6 220	6 482	298	..	9	..	488	3 397	55	3 941	567	3 754	81	4 402
Newsprint	5 174	5 183	5 521	1 864	..	293	..	402	2 782	--	3 184	394	2 774	14	3 182
Paperboard, pulpboard, fiberboard	1 497	1 531	1 501	670	..	43	..	56	473	193	722	43	531	191	764
Total forest products[a]	34 577	34 709	36 298	22 484	7 370	9 409	39 263	14 285	16 423	434	31 142	15 996	16 197	765	32 957
Total products	237 874	237 455	249 316	133 545	27 310	77 989	238 852	68 698	145 322	60 873	274 093	61 717	143 421	60 669	265 807
%	14.5	14.6	14.6	16.8	27.0	12.1	16.4	20.8	11.3	0.7	11.4	25.9	11.3	1.3	12.4

[a] Products transported in Canada in 1985 (1 000 t):

Primary wood products	54 097,
Wood-fabricated materials	28 245,
Wood pulp and paper products	24 455,
Total forest products	106 797,
Total products	742 533.

Source: Statistics Canada, Cat. No. 52-001, 53-222, 54-209 and 54-210.

VIII - 2. DWELLING UNITS[a] STARTED BY PROVINCE, 1950-1987

Year	Nfld.	P.E.I.	N.S.	N.B.	Atlantic provinces	Que.	Ont.	Man.	Sask.	Alta.	Prairies	B.C.	Canada
1950	2 090	333	2 705	2 323	7 451	28 515	33 430	4 072	2 904	8 623	15 599	7 536	**92 531**
1960	2 026	272	4 047	1 780	8 125	28 589	42 282	5 132	4 339	8 387	17 858	12 004	**108 858**
1970	2 636	784	5 878	3 182	12 480	47 118	76 675	8 945	1 743	16 251	26 939	27 316	**190 528**
1971	3 658	1 363	7 308	4 930	17 259	51 782	89 980	10 705	3 560	25 602	39 867	34 765	**233 653**
1972	3 901	1 079	5 164	6 358	16 502	55 746	102 933	12 068	4 845	22 503	39 416	35 317	**249 914**
1973	4 831	2 122	7 734	7 235	21 922	59 550	110 536	11 531	6 386	20 977	38 894	37 627	**268 529**
1974	4 911	1 334	6 008	5 861	18 114	51 642	85 503	8 752	7 684	19 008	35 444	31 420	**222 123**
1975	5 342	847	6 366	6 983	19 538	54 741	79 968	7 845	10 505	24 707	43 057	34 152	**231 456**
1976	5 709	842	7 470	6 772	20 793	68 748	84 682	9 339	13 143	38 771	61 253	37 727	**273 203**
1977	3 719	824	7 495	4 308	16 346	57 580	79 130	9 410	12 825	38 075	60 310	32 358	**245 724**
1978	2 865	1 210	4 853	5 167	14 095	43 671	71 710	12 121	9 527	47 925	69 573	28 618	**227 667**
1979	2 999	1 068	4 538	5 021	13 626	41 730	56 887	5 772	11 742	39 947	57 461	27 345	**197 049**
1980	3 848	475	3 895	2 646	10 864	29 186	40 127	2 597	6 250	32 031	40 878	37 546	**158 601**
1981	3 210	203	3 715	2 188	9 316	29 645	50 161	2 824	5 972	38 470	47 266	41 585	**177 973**
1982	2 793	248	3 691	1 680	8 412	23 492	38 508	2 030	6 822	26 789	35 641	19 807	**125 860**
1983	3 281	673	5 697	4 742	14 393	40 318	54 939	5 985	7 269	17 134	30 388	22 607	**162 645**
1984	2 720	643	4 598	2 873	10 834	41 902	48 171	5 308	5 221	7 295	17 824	16 169	**134 900**
1985	2 854	788	6 923	4 142	14 707	48 031	64 871	6 557	5 354	8 337	20 248	17 969	**165 826**
1986	2 883	1 110	7 571	4 045	15 609	60 348	81 470	7 699	5 510	8 462	21 671	20 687	**199 785**
1987	2 682	933	6 460	3 716	13 791	74 179	105 213	8 174	4 895	10 790	23 859	28 944	**245 986**

[a]Dwelling unit is defined as a structurally separate set of living premises with a private entrance (excluding mobile dwellings).

Source: Statistics Canada Cat. No. 64-002 and Canada Mortgage and Housing Corporation nation-wide survey.

VIII - 3. VALUE OF BUILDING CONSTRUCTION IN CANADA,[a] 1961-1987

Year	Residential			Industrial	Commercial	Institutional	Other	Total
	New	Repair	Total					
					$000 000			
1960	1 456	457	1 913	452	738	615	333	**4 051**
1970	3 138	871	4 009	1 000	1 287	1 330	473	**8 098**
1971	4 025	951	4 976	1 023	1 405	1 456	507	**9 367**
1972	4 820	1 051	5 871	927	1 706	1 249	575	**10 328**
1973	5 977	1 188	7 165	1 162	2 211	1 200	666	**12 404**
1974	7 010	1 451	8 461	1 556	2 969	1 383	877	**15 246**
1975	7 114	1 576	8 690	1 537	3 732	1 561	1 089	**16 609**
1976	10 853	1 817	12 669	1 479	3 628	1 594	1 101	**20 471**
1977	11 065	2 061	13 126	1 758	3 639	1 662	1 123	**21 308**
1978	11 451	2 329	13 780	1 586	3 876	1 682	1 310	**22 234**
1979	11 618	2 649	14 267	2 096	5 098	1 831	1 414	**24 706**
1980	11 010	2 862	13 872	3 025	5 912	2 171	1 560	**26 540**
1981	13 135	3 229	16 365	3 611	6 989	2 593	1 979	**31 537**
1982	10 148	3 433	13 581	3 044	7 063	3 092	2 062	**28 842**
1983	12 994	3 857	16 851	2 450	6 482	3 065	1 905	**30 753**
1984	12 580	4 067	16 647	2 708	7 129	2 924	2 003	**31 411**
1985	21 170	2 975	24 145	3 470	8 697	3 119	2 028	**41 459**
1986p	25 593	3 043	28 636	3 129	9 865	3 488	1 883	**47 002**
1987forecast	26 168	3 112	29 281	2 996	10 744	3 697	1 972	**48 690**

[a]Total value of construction work purchased by type of structure.

Source: Statistics Canada Cat. No. 64-201.

SECTION IX

WORLD FORESTRY

The world forestry figures were retrieved from the "1986 Yearbook of Forest Products." Publication of the Yearbook is made possible by the cooperation of various governments, which supplied most of the information in the form of replies to questionnaires. The Forestry Department of the Food and Agriculture Organization in collaboration with the Economic Commission for Europe compiled the results.

Last year we published the 1984 figures. This year includes the 1985 and 1986 figures.

The products are classified using the "United Nations Standard International Trade Classification (SITC) Revision 2."

IX - 1. WORLD FOREST RESOURCES - FOREST AREAS AND GROWING STOCKS BY REGION AND SPECIES GROUP

Continents and countries	Forest areas							Forest percent of land areas[a]	Growing stocks		
	Closed forest		Other wooded land		Total						
	Softwoods	Hardwoods	Softwoods	Hardwoods	Softwoods	Hardwoods	Total		Softwoods	Hardwoods	Total
	1 000 ha							%	1 000 000 m^3		
Total North America[b]	287 792	171 564	220 245	54 875	508 037	226 439	**734 478**	37.9	28 500	11 400	**39 700**
Canada[b]	204 255	59 845	145 910	26 390	350 165	86 235	**436 400**	43.7	15 500	4 100	**19 600**
United States	83 537	111 719	74 335	28 485	157 872	140 204	**298 078**	31.8	12 800	7 300	**20 100**
Central America and Mexico	25 038	47 230	-	348	25 038	47 578	**72 614**	26.9	1 900	3 600	**5 500**
South America	19 474	647 498	1 000	247 047	20 474	894 545	**915 019**	51.4	900	90 600	**91 500**
Africa	7 776	228 088	6 115	501 734	13 891	729 822	**743 713**	24.5	200	24 800	**25 000**
Europe, without USSR	88 413	48 592	9 576	12 321	97 989	60 913	**158 902**	30.5	8 000	4 000	**12 000**
USSR	593 700	197 900	86 200	50 800	679 900	248 700	**928 600**	41.5	65 300	20 600	**85 900**
Asia	86 552	275 270	15 688	90 722	102 238	365 992	**468 230**	18.5	6 000	32 000	**38 000**
Oceania	12 060	211 344	3 935	71 608	15 995	282 952	**298 947**	27.9	700	5 300	**6 000**
World[b]	**1 120 805**	**1 827 486**	**342 757**	**1 029 455**	**1 463 562**	**2 856 941**	**4 320 503**	**32.3**	**111 300**	**192 300**	**303 600**

[a] Including water.
[b] Canadian data based on Canada's Forest Inventory 1981. 1986 figures not available.

Source: Forest resources 1980, Food and Agriculture Organization of the United Nations 1985. Cibula, E.J. Trends in timber supply and trade, information review, 1980, Department of the Environment, London.

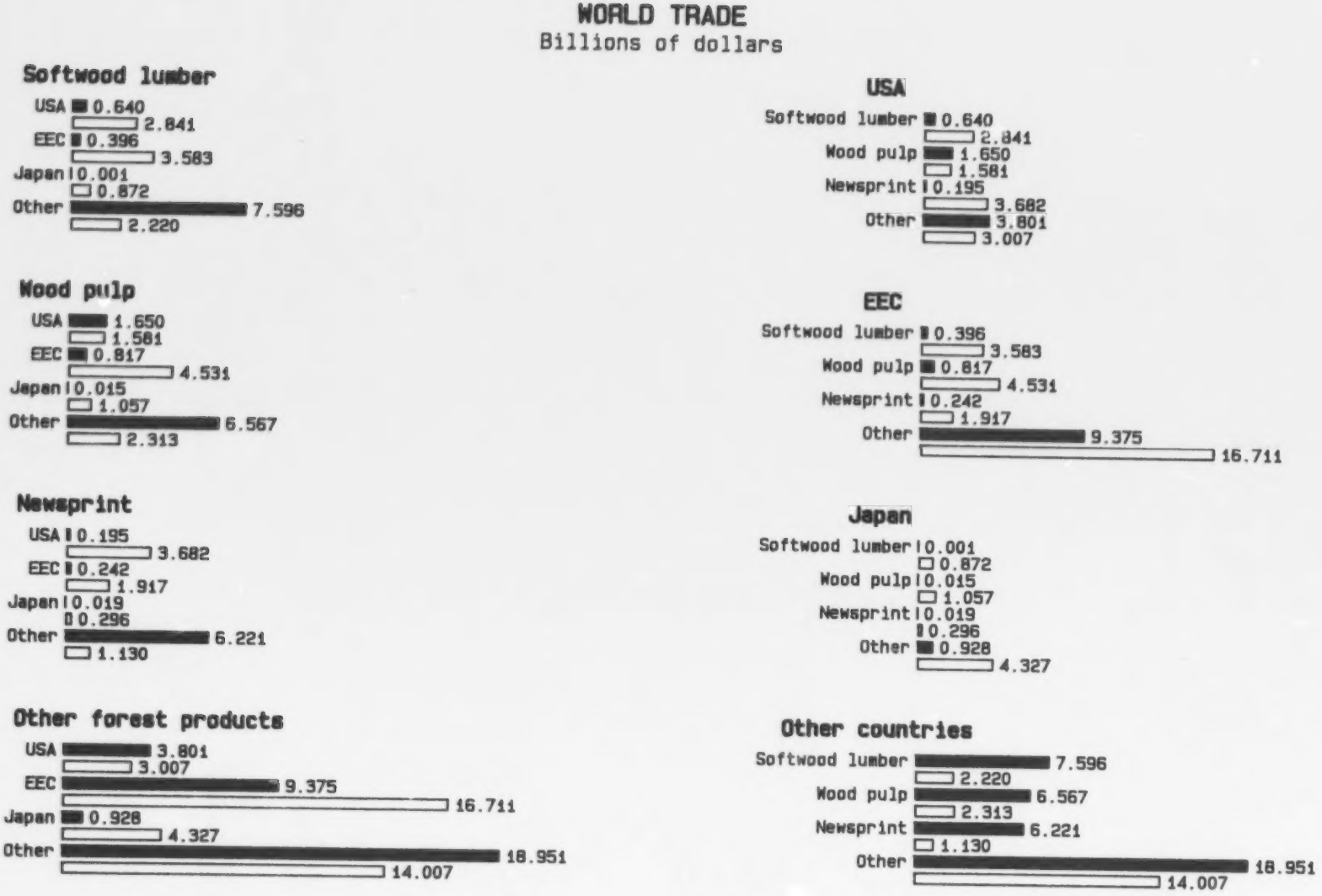

Figure 27. World trade of forest products by commodity group and principal trade area, 1986.
Exports ▬ Imports ▭

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of forest products.

IX - 2A. WORLD PRODUCTION OF ROUNDWOOD, 1985

Trade area[a]	Industrial roundwood						Fuelwood and charcoal	Total roundwood
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods		
	1 000 m^3							
Total North America	**338 410**	**165 561**	**12 869**	**516 840**	**424 284**	**92 556**	**108 119**	**624 959**
Canada	126 700	42 174	1 400	170 274	161 141	9 133	6 197	176 471
United States	211 710	123 387	11 469	346 566	263 143	83 423	101 922	448 488
Central America	**7 430**	**2 974**	**961**	**11 365**	**8 496**	**2 869**	**46 264**	**57 629**
Mexico	4 372	2 864	237	7 473	6 735	738	13 844	21 317
South America	**55 951**	**28 519**	**7 235**	**91 704**	**38 778**	**52 926**	**216 872**	**308 576**
Brazil	39 924	20 900	5 137	65 961	27 913	38 048	168 124	234 085
Chile	5 160	3 889	553	9 602	8 518	1 084	6 076	15 678
Venezuela	379	-	26	405	-	405	666	1 071
Africa	**22 392**	**7 221**	**24 002**	**53 615**	**8 560**	**45 055**	**384 552**	**438 168**
Algeria	20	-	210	230	156	74	1 654	1 884
Morocco	110	520	251	881	130	751	1 274	2 155
Middle East - Africa	252	-	3 659	3 911	88	3 823	60 589	64 500
Europe	**154 490**	**110 069**	**26 275**	**290 834**	**209 128**	**81 706**	**56 325**	**347 159**
Western Europe	117 168	89 023	9 835	216 026	161 641	54 385	39 867	255 893
Economic Community	52 893	34 904	5 657	93 454	59 475	33 979	25 109	118 563
Belgium-Luxembourg	1 790	668	255	2 713	1 831	882	538	3 251
Denmark	941	612	356	1 909	1 397	512	394	2 303
France	18 722	9 159	606	28 487	15 337	13 150	10 424	38 911
Germany, Fed. Rep.	16 465	9 000	1 390	26 855	20 490	6 365	3 795	30 650
Greece	577	142	219	938	454	484	1 915	2 853
Ireland	659	545	27	1 231	1 218	13	46	1 277
Italy	2 460	908	1 189	4 557	1 273	3 284	4 891	9 448
Netherlands	450	390	125	965	687	278	96	1 061
Portugal	3 800	4 306	134	8 240	4 840	3 400	598	8 838
Spain	4 046	7 808	1 059	12 913	8 066	4 847	2 253	15 166
United Kingdom	2 983	1 366	297	4 646	3 882	764	159	4 805
Scandinavia	44 449	47 926	1 986	94 361	82 871	11 490	8 294	102 655
Finland	16 878	19 284	1 517	37 679	31 721	5 958	3 071	40 750
Norway	4 461	4 722	289	9 472	9 010	462	799	10 271
Sweden	23 110	23 920	180	47 210	42 140	5 070	4 424	51 634
Other Western Europe	19 826	6 193	2 192	28 211	19 295	8 916	6 464	34 675
Eastern Europe	37 322	21 046	16 440	74 808	47 487	27 321	16 458	91 266
USSR	**154 100**	**38 300**	**88 800**	**281 200**	**249 600**	**31 600**	**86 800**	**368 000**
Asia	**163 355**	**21 620**	**59 001**	**243 976**	**92 112**	**151 864**	**738 174**	**982 150**
China, People's Rep.	53 885	5 614	34 050	93 549	58 556	34 993	170 715	264 264
Hong Kong	-	-	-	-	-	-	180	180
India	18 350	1 208	4 324	23 882	2 758	21 124	222 437	246 319
Japan	19 247	12 714	983	32 944	20 558	12 386	545	33 489
Korea, Rep. of (South)	1 029	367	999	2 395	1 842	553	6 178	8 573
Middle East - Asia	4 465	429	5 718	10 612	4 928	5 684	13 591	24 202
Southeast Asia	57 747	1 181	7 786	66 713	607	66 107	196 327	263 040
Oceania	**15 768**	**11 355**	**1 816**	**28 940**	**14 843**	**14 097**	**8 798**	**37 738**
Australia	8 241	7 419	1 169	16 829	5 768	11 061	2 874	19 703
New Zealand	4 937	3 718	636	9 291	8 978	313	50	9 341
World	**911 896**	**385 619**	**220 960**	**1 518 475**	**1 045 801**	**472 674**	**1 645 904**	**3 164 379**

[a]See Section X.B for details on groupings of trade areas used in this table.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 2B. WORLD PRODUCTION OF ROUNDWOOD, 1986

Trade area[a]	Industrial roundwood						Fuelwood and charcoal	Total round-wood
	Logs and bolts	Pulpwood	Other roundwood	Total	Softwoods	Hardwoods		
	1 000 m^3							
Total North America	**375 610**	**168 434**	**12 839**	**556 883**	**457 649**	**99 234**	**108 119**	**665 002**
Canada	130 750	42 174	1 370	174 294	165 111	9 183	6 197	180 491
United States	244 860	126 260	11 469	382 589	292 538	90 051	101 922	484 511
Central America	**6 872**	**2 974**	**965**	**10 811**	**7 995**	**2 815**	**47 401**	**58 212**
Mexico	3 947	2 864	237	7 048	6 329	719	14 180	21 228
South America	**57 076**	**28 337**	**7 351**	**92 763**	**38 722**	**54 041**	**221 939**	**314 702**
Brazil	39 983	20 900	5 245	66 128	27 266	38 862	171 646	237 774
Chile	5 751	3 889	553	10 193	9 109	1 084	6 171	16 364
Venezuela	464	-	26	490	-	490	684	1 174
Africa	**22 231**	**7 007**	**24 501**	**53 739**	**8 583**	**45 157**	**395 731**	**449 470**
Algeria	20	-	216	236	160	76	1 708	1 944
Morocco	131	326	257	714	148	566	1 292	2 006
Middle East - Africa	252	-	3 716	3 968	88	3 880	62 269	66 237
Europe	**155 003**	**113 242**	**25 415**	**293 660**	**210 576**	**83 084**	**57 622**	**351 282**
Western Europe	118 517	91 260	8 754	218 531	163 021	55 510	40 215	258 746
Economic Community	54 508	36 108	4 919	95 535	60 565	34 970	25 191	120 726
Belgium-Luxembourg	1 890	720	255	2 865	2 026	839	538	3 403
Denmark	941	500	356	1 797	1 312	485	394	2 191
France	18 920	9 159	606	28 685	15 544	13 141	10 430	39 115
Germany, Fed. Rep.	16 626	8 600	1 390	26 616	19 990	6 626	3 795	30 411
Greece	617	142	219	978	455	523	1 915	2 893
Ireland	659	513	27	1 199	1 186	13	46	1 245
Italy	3 203	965	476	4 644	1 411	3 233	4 979	9 623
Netherlands	490	402	125	1 017	689	328	96	1 113
Portugal	4 000	4 306	134	8 440	5 040	3 400	598	9 038
Spain	4 100	9 045	1 059	14 204	8 734	5 470	2 253	16 457
United Kingdom	3 062	1 756	272	5 090	4 178	912	147	5 237
Scandinavia	44 471	48 891	1 682	95 044	83 186	11 858	8 409	103 453
Finland	17 021	19 869	1 213	38 103	32 061	6 042	3 186	41 289
Norway	4 520	4 722	289	9 531	9 065	466	799	10 330
Sweden	22 930	24 300	180	47 410	42 060	5 350	4 424	51 834
Other Western Europe	19 538	6 261	2 153	27 952	19 270	8 682	6 615	34 567
Eastern Europe	36 486	21 982	16 661	75 129	47 555	27 574	17 407	92 536
USSR	**161 800**	**40 200**	**88 800**	**290 800**	**258 100**	**32 700**	**86 800**	**377 600**
Asia	**165 076**	**21 652**	**59 290**	**246 018**	**91 624**	**154 394**	**752 033**	**998 051**
China, People's Rep.	54 592	5 614	34 050	94 256	58 976	35 280	174 129	268 385
Hong Kong	-	-	-	-	-	-	186	186
India	18 350	1 208	4 400	23 958	2 760	21 198	226 298	250 256
Japan	18 397	12 714	983	32 094	19 834	12 260	545	32 639
Korea, Rep. of (South)	1 029	404	953	2 386	1 833	553	6 178	8 564
Middle East - Asia	4 234	431	5 718	10 383	4 745	5 638	13 783	24 165
Southeast Asia	59 816	1 181	7 933	68 929	606	68 324	199 855	268 784
Oceania	**15 672**	**11 795**	**1 763**	**29 230**	**15 221**	**14 009**	**8 804**	**38 034**
Australia	8 144	7 859	1 116	17 119	6 146	10 973	2 880	19 999
New Zealand	4 937	3 718	636	9 291	8 978	313	50	9 341
World	**959 339**	**393 641**	**220 924**	**1 573 905**	**1 088 470**	**485 435**	**1 678 448**	**3 252 353**

[a]See Section X.B for details on groupings of trade areas used in this table.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 3A. WORLD PRODUCTION OF LUMBER, 1985

Trade area[a]	Lumber			Railway ties	Total lumber and railway ties
	Softwoods	Hardwoods	Total		
			1 000 m^3		
Total North America	**124 881**	**15 494**	**140 375**	**210**	**140 585**
Canada	52 514	1 271	53 785	--	53 785
United States	72 367	14 223	86 590	210	86 800
Central America	**2 538**	**892**	**3 430**	**264**	**3 694**
Mexico	1 840	150	1 990	215	2 205
South America	**10 512**	**13 968**	**24 480**	**161**	**24 641**
Brazil	8 384	9 397	17 781	--	17 781
Chile	1 926	128	2 054	3	2 057
Venezuela	-	146	146	--	146
Africa	**1 806**	**5 782**	**7 588**	**330**	**7 918**
Algeria	8	2	10	3	13
Morocco	94	55	149	--	149
Middle East - Africa	34	65	99	5	103
Europe	**67 130**	**17 407**	**84 537**	**1 194**	**85 731**
Western Europe	51 936	11 405	63 341	617	63 958
Economic Community	21 466	8 472	29 938	472	30 410
Belgium-Luxembourg	500	280	780	15	795
Denmark	450	400	850	29	879
France	5 694	3 199	8 893	188	9 081
Germany, Fed. Rep.	7 896	1 550	9 446	90	9 536
Greece	200	105	305	--	305
Ireland	294	6	300	--	300
Italy	1 166	1 388	2 554	45	2 599
Netherlands	172	240	412	--	412
Portugal	1 974	539	2 513	60	2 573
Spain	1 700	470	2 170	43	2 213
United Kingdom	1 420	295	1 715	2	1 717
Scandinavia	20 735	298	21 033	61	21 094
Finland	7 240	60	7 300	33	7 333
Norway	2 220	8	2 228	2	2 230
Sweden	11 275	230	11 505	26	11 531
Other Western Europe	9 735	2 635	12 370	84	12 454
Eastern Europe	15 194	6 002	21 196	577	21 773
USSR	**86 000**	**12 200**	**98 200**	**--**	**98 200**
Asia	**50 333**	**47 760**	**98 092**	**791**	**98 883**
China, People's Rep.	17 568	9 453	27 021	66	27 087
Hong Kong	-	248	248	--	248
India	2 374	14 834	17 208	252	17 460
Japan	23 869	4 534	28 403	69	28 472
Korea, Rep. of (South)	1 919	1 033	2 952	66	3 018
Middle East - Asia	3 412	1 666	5 078	122	5 199
Southeast Asia	59	14 671	14 730	181	14 911
Oceania	**3 554**	**2 024**	**5 577**	**210**	**5 787**
Australia	1 218	1 802	3 020	196	3 216
New Zealand	2 278	28	2 306	14	2 320
World	**346 754**	**115 526**	**462 280**	**3 159**	**465 439**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Because production in Canada and the United States is based largely on nominal sizes, the actual wood volume is overstated by about one-third for these countries.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 3B. WORLD PRODUCTION OF LUMBER, 1986

Trade area[a]	Lumber			Railway ties	Total lumber and railway ties
	Softwoods	Hardwoods	Total		
			1 000 m^3		
Total North America	**132 534**	**15 796**	**148 330**	**210**	**148 540**
Canada	51 814	1 396	53 210	--	53 210
United States	80 720	14 400	95 120	210	95 330
Central America	**2 402**	**876**	**3 277**	**264**	**3 541**
Mexico	1 757	169	1 926	215	2 141
South America	**10 620**	**14 440**	**25 060**	**160**	**25 220**
Brazil	8 384	9 679	18 063	--	18 063
Chile	2 034	250	2 284	3	2 287
Venezuela	-	171	171	--	171
Africa	**1 806**	**5 761**	**7 567**	**330**	**7 897**
Algeria	8	2	10	3	13
Morocco	94	55	149	--	149
Middle East - Africa	34	65	99	5	103
Europe	**67 191**	**17 319**	**84 510**	**1 211**	**85 721**
Western Europe	52 139	11 314	63 453	642	64 095
Economic Community	21 737	8 316	30 053	491	30 544
Belgium-Luxembourg	575	265	840	15	855
Denmark	450	400	850	29	879
France	5 700	3 190	8 890	188	9 078
Germany, Fed. Rep.	8 105	1 605	9 710	90	9 800
Greece	200	105	305	--	305
Ireland	294	6	300	--	300
Italy	854	1 001	1 855	64	1 919
Netherlands	175	250	425	--	425
Portugal	1 974	539	2 513	60	2 573
Spain	1 960	600	2 560	43	2 603
United Kingdom	1 450	355	1 805	2	1 807
Scandinavia	20 685	303	20 988	61	21 049
Finland	7 035	75	7 110	33	7 143
Norway	2 250	8	2 258	2	2 260
Sweden	11 400	220	11 620	26	11 646
Other Western Europe	9 717	2 695	12 412	90	12 502
Eastern Europe	15 052	6 005	21 057	569	21 626
USSR	**86 600**	**12 400**	**99 000**	**--**	**99 000**
Asia	**50 722**	**47 380**	**98 102**	**790**	**98 892**
China, People's Rep.	17 117	9 208	26 325	66	26 391
Hong Kong	-	248	248	--	248
India	2 374	14 834	17 208	252	17 460
Japan	24 113	4 580	28 693	69	28 762
Korea, Rep. of (South)	2 517	980	3 497	66	3 563
Middle East - Asia	3 411	1 663	5 074	121	5 195
Southeast Asia	58	14 610	14 668	181	14 849
Oceania	**3 653**	**1 995**	**5 648**	**210**	**5 858**
Australia	1 226	1 772	2 998	196	3 194
New Zealand	2 369	29	2 398	14	2 412
World	**355 527**	**115 966**	**471 493**	**3 175**	**474 668**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Because production in Canada and the United States is based largely on nominal sizes, the actual wood volume is overstated by about one-third for these countries.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 4A. WORLD PRODUCTION OF PANEL PRODUCTS, 1985

Trade area[a]	Plywood	Particle-board	Veneer sheets	Hardboard and building board	Rigid insulating board	Total panels
			1 000 m^3			
Total North America	**20 770**	**10 764**	**700**	**1 906**	**4 110**	**38 250**
Canada	2 190	2 380	700	156	630	6 056
United States	18 580	8 384	-	1 750	3 480	32 194
Central America	**332**	**522**	**9**	**113**	**-**	**976**
Mexico	270	425	2	65	-	762
South America	**1 182**	**1 243**	**360**	**651**	**234**	**3 670**
Brazil	902	660	234	527	200	2 523
Chile	36	136	9	45	-	226
Venezuela	34	78	-	-	10	122
Africa	**582**	**525**	**554**	**131**	**33**	**1 825**
Algeria	23	24	2	-	-	50
Morocco	50	30	25	-	-	105
Middle East - Africa	8	45	--	-	8	62
Europe	**3 106**	**22 755**	**1 531**	**2 893**	**1 110**	**31 395**
Western Europe	2 346	18 291	1 215	1 742	668	24 262
Economic Community	1 538	13 996	884	1 031	256	17 705
Belgium-Luxembourg	50	1 850	38	-	28	1 966
Denmark	30	293	6	--	-	329
France	489	1 731	58	143	52	2 473
Germany, Fed. Rep.	336	5 812	398	219	50	6 815
Greece	80	270	20	18	-	388
Ireland	-	59	-	-	-	59
Italy	360	1 350	293	250	-	2 253
Netherlands	17	40	-	-	20	77
Portugal	21	456	9	60	1	547
Spain	140	1 300	40	267	80	1 827
United Kingdom	15	835	22	74	25	971
Scandinavia	635	1 896	40	436	365	3 372
Finland	556	571	27	99	71	1 324
Norway	11	423	-	68	166	668
Sweden	68	902	13	269	128	1 380
Other Western Europe	173	2 399	291	275	47	3 185
Eastern Europe	760	4 464	316	1 151	442	7 133
USSR	**2 187**	**6 327**	**445**	**1 907**	**1 683**	**12 549**
Asia	**17 050**	**2 081**	**1 188**	**1 549**	**353**	**22 220**
China, People's Rep.	1 852	235	7	892	-	2 986
Hong Kong	12	-	-	-	-	12
India	360	32	4	43	3	442
Japan	7 033	904	300	387	340	8 964
Korea, Rep. of (South)	1 229	57	-	14	-	1 300
Middle East - Asia	191	755	22	96	10	1 074
Southeast Asia	6 290	35	854	104	-	7 283
Oceania	**158**	**863**	**48**	**207**	**45**	**1 321**
Australia	89	675	29	94	12	899
New Zealand	55	188	4	113	33	393
World	**45 366**	**45 079**	**4 836**	**9 357**	**7 568**	**112 206**

[a]See Section X.B for details on groupings of trade areas used in this table.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 4B. WORLD PRODUCTION OF PANEL PRODUCTS, 1986

Trade area[a]	Plywood	Particle-board	Veneer sheets	Hardboard and building board	Rigid insulating board	Total panels
			1 000 m^3			
Total North America	**22 584**	**11 644**	**750**	**1 990**	**4 149**	**41 117**
Canada	2 100	2 550	750	140	669	6 209
United States	20 484	9 094	-	1 850	3 480	34 908
Central America	**373**	**564**	**9**	**113**	**-**	**1 059**
Mexico	310	467	2	65	-	844
South America	**1 541**	**1 332**	**366**	**685**	**242**	**4 166**
Brazil	902	660	234	550	200	2 546
Chile	40	149	9	41	-	239
Venezuela	397	78	-	-	18	493
Africa	**615**	**483**	**556**	**131**	**33**	**1 818**
Algeria	23	24	2	-	-	50
Morocco	50	30	25	-	-	105
Middle East - Africa	8	46	--	-	8	62
Europe	**3 237**	**23 509**	**1 554**	**3 091**	**1 132**	**32 523**
Western Europe	2 481	18 818	1 241	1 744	663	24 947
Economic Community	1 620	14 472	905	1 040	262	18 299
Belgium-Luxembourg	58	1 950	42	-	32	2 082
Denmark	30	310	6	--	-	346
France	490	1 790	58	147	52	2 537
Germany, Fed. Rep.	340	5 849	389	197	50	6 825
Greece	95	280	20	18	-	413
Ireland	-	66	-	-	-	66
Italy	375	1 400	297	250	-	2 322
Netherlands	16	40	17	-	22	95
Portugal	30	542	9	68	1	650
Spain	170	1 370	45	280	80	1 945
United Kingdom	16	875	22	80	25	1 018
Scandinavia	681	1 841	40	405	352	3 319
Finland	597	581	27	76	61	1 342
Norway	12	451	-	63	155	681
Sweden	72	809	13	266	136	1 296
Other Western Europe	180	2 505	296	299	49	3 329
Eastern Europe	756	4 691	313	1 347	469	7 576
USSR	**2 300**	**7 200**	**445**	**1 907**	**1 683**	**13 535**
Asia	**18 339**	**2 106**	**1 169**	**1 598**	**363**	**23 574**
China, People's Rep.	1 934	247	7	921	-	3 109
Hong Kong	12	-	-	-	-	12
India	360	32	4	43	3	442
Japan	7 000	900	300	400	350	8 950
Korea, Rep. of (South)	1 111	58	-	14	-	1 183
Middle East - Asia	196	757	22	96	10	1 081
Southeast Asia	7 649	49	835	111	-	8 644
Oceania	**171**	**868**	**48**	**224**	**48**	**1 359**
Australia	98	688	29	97	11	923
New Zealand	59	180	4	127	37	407
World	**49 160**	**47 705**	**4 898**	**9 739**	**7 650**	**119 152**

[a]See Section X.B for details on groupings of trade areas used in this table.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 5A. WORLD PRODUCTION OF WOOD PULP, 1985

Trade area[a]	Chemical	Semi-chemical	Mechanical	Dissolving	Total wood pulp
			1 000 t		
Total North America	**50 738**	**3 940**	**13 343**	**1 290**	**69 311**
Canada	11 199	258	8 571	222	20 250
United States	39 539	3 682	4 772	1 068	49 061
Central America	**471**	**-**	**106**	**4**	**581**
Mexico	471	-	103	4	578
South America	**4 421**	**304**	**511**	**60**	**5 296**
Brazil	3 155	114	324	60	3 653
Chile	679	-	158	-	837
Venezuela	63	-	6	-	69
Africa	**642**	**141**	**279**	**581**	**1 644**
Algeria	-	-	-	-	-
Morocco	81	-	-	-	81
Middle East - Africa	-	-	-	-	-
Europe	**20 208**	**1 624**	**10 462**	**1 088**	**33 382**
Western Europe	17 567	1 360	9 906	763	29 596
Economic Community	4 307	515	2 976	246	8 044
Belgium-Luxembourg	208	-	111	-	319
Denmark	-	63	-	-	63
France	1 190	115	452	8	1 765
Germany, Fed. Rep.	582	81	1 385	155	2 203
Greece	-	-	17	-	17
Ireland	-	-	-	-	-
Italy	65	73	487	30	655
Netherlands	-	-	138	-	138
Portugal	1 141	-	-	-	1 141
Spain	1 121	22	204	53	1 400
United Kingdom	-	161	182	-	343
Scandinavia	11 684	672	6 411	311	19 078
Finland	4 580	326	2 931	140	7 977
Norway	586	83	1 182	127	1 978
Sweden	6 518	263	2 298	44	9 123
Other Western Europe	1 576	173	519	206	2 474
Eastern Europe	2 641	264	556	325	3 786
USSR	**7 059**	**387**	**2 033**	**895**	**10 374**
Asia	**9 179**	**624**	**2 529**	**458**	**12 790**
China, People's Rep.	1 199	-	402	-	1 601
Hong Kong	-	-	-	-	-
India	460	77	127	200	864
Japan	6 888	496	1 646	249	9 279
Korea, Rep. of (South)	129	-	138	-	267
Middle East - Asia	211	3	152	9	375
Southeast Asia	211	48	32	-	291
Oceania	**884**	**241**	**929**	**-**	**2 054**
Australia	311	219	357	-	887
New Zealand	573	22	572	-	1 167
World	**93 602**	**7 262**	**30 192**	**4 376**	**135 431**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Canada produces 15.0% the world's output of wood pulp.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 5B. WORLD PRODUCTION OF WOOD PULP, 1986

Trade area[a]	Chemical	Semi-chemical	Mechanical	Dissolving	Total wood pulp
			1 000 t		
Total North America	**53 903**	**4 073**	**14 257**	**1 364**	**73 597**
Canada	11 896	324	9 227	223	21 670
United States	42 007	3 749	5 030	1 141	51 927
Central America	**429**	**-**	**120**	**4**	**552**
Mexico	429	-	117	4	550
South America	**4 674**	**313**	**512**	**62**	**5 561**
Brazil	3 323	125	329	62	3 839
Chile	692	-	154	-	846
Venezuela	81	-	7	-	88
Africa	**651**	**156**	**276**	**581**	**1 664**
Algeria	-	-	-	-	-
Morocco	81	-	-	-	81
Middle East - Africa	-	-	-	-	-
Europe	**20 640**	**1 655**	**10 525**	**1 014**	**33 834**
Western Europe	17 973	1 408	9 995	689	30 065
Economic Community	4 711	563	2 966	228	8 468
Belgium-Luxembourg	183	-	121	-	304
Denmark	-	65	-	-	65
France	1 444	140	452	8	2 044
Germany, Fed. Rep.	600	79	1 403	137	2 219
Greece	-	-	18	-	18
Ireland	-	-	-	-	-
Italy	55	70	436	30	591
Netherlands	-	-	133	-	133
Portugal	1 226	-	-	-	1 226
Spain	1 203	22	191	53	1 469
United Kingdom	-	187	212	-	399
Scandinavia	11 603	680	6 535	247	19 065
Finland	4 601	335	2 891	102	7 929
Norway	601	77	1 146	130	1 954
Sweden	6 401	268	2 498	15	9 182
Other Western Europe	1 659	165	494	214	2 532
Eastern Europe	2 667	247	530	325	3 769
USSR	**7 059**	**387**	**2 033**	**895**	**10 374**
Asia	**9 349**	**581**	**2 576**	**381**	**12 887**
China, People's Rep.	1 256	-	402	-	1 658
Hong Kong	-	-	-	-	-
India	490	77	150	200	917
Japan	6 963	453	1 645	172	9 233
Korea, Rep. of (South)	144	-	143	-	287
Middle East - Asia	211	3	152	9	375
Southeast Asia	199	48	52	-	299
Oceania	**838**	**240**	**942**	**-**	**2 020**
Australia	326	220	364	-	910
New Zealand	512	20	578	-	1 110
World	**97 543**	**7 405**	**31 241**	**4 301**	**140 489**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Canada produces 15.4% the world's output of wood pulp.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 6A. WORLD PRODUCTION OF PAPER AND PAPERBOARD, 1985

Trade area[a]	Newsprint	Printing and writing paper	Wrapping and packaging paper and board	Tissue and sanitary paper	Other paper and paperboard	Total
			1 000 t			
Total North America	**13 914**	**18 609**	**35 429**	**4 888**	**2 567**	**75 407**
Canada	8 991	2 141	2 910	406	--	14 448
United States	4 923	16 468	32 519	4 482	2 567	60 959
Central America	**260**	**524**	**1 371**	**353**	**95**	**2 603**
Mexico	260	456	1 290	307	63	2 376
South America	**583**	**1 649**	**2 976**	**596**	**644**	**6 447**
Brazil	208	1 146	1 807	288	573	4 022
Chile	172	63	100	32	4	371
Venezuela	-	103	323	120	5	551
Africa	**391**	**442**	**1 161**	**103**	**127**	**2 223**
Algeria	-	30	78	2	--	110
Morocco	-	24	61	3	19	107
Middle East - Africa	-	60	86	-	24	170
Europe	**7 100**	**17 822**	**22 324**	**2 905**	**5 366**	**55 517**
Western Europe	6 744	16 909	20 398	2 661	3 200	49 912
Economic Community	1 962	10 596	12 938	2 018	1 892	29 406
Belgium-Luxembourg	109	414	189	85	46	843
Denmark	-	142	113	12	35	302
France	264	1 898	2 611	221	156	5 150
Germany, Fed. Rep.	722	3 745	3 469	628	615	9 179
Greece	12	70	80	80	40	282
Ireland	-	-	22	-	--	22
Italy	178	1 940	1 917	200	352	4 587
Netherlands	191	560	1 000	151	3	1 905
Portugal	-	93	356	35	58	542
Spain	134	712	1 533	193	341	2 913
United Kingdom	352	1 022	1 648	413	246	3 681
Scandinavia	4 282	4 834	5 846	450	640	16 052
Finland	1 811	3 166	1 973	161	336	7 447
Norway	877	304	354	25	44	1 604
Sweden	1 594	1 364	3 519	264	260	7 001
Other Western Europe	500	1 479	1 614	193	668	4 454
Eastern Europe	356	913	1 926	244	2 166	5 605
USSR	**1 554**	**1 310**	**-**	**-**	**7 156**	**10 020**
Asia	**3 798**	**9 519**	**12 213**	**1 750**	**10 555**	**37 834**
China, People's Rep.	452	2 899	-	-	7 779	11 130
Hong Kong	-	-	38	2	--	40
India	190	750	377	11	262	1 590
Japan	2 592	4 746	9 757	1 559	1 815	20 469
Korea, Rep. of (South)	238	483	1 295	88	208	2 312
Middle East - Asia	150	182	251	31	120	734
Southeast Asia	119	338	391	59	278	1 185
Oceania	**652**	**275**	**652**	**157**	**580**	**2 316**
Australia	354	227	336	116	513	1 546
New Zealand	298	48	316	41	67	770
World	**28 252**	**50 149**	**76 125**	**10 752**	**27 089**	**192 367**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Canada produces 31.8% of the world's newsprint.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 6B. WORLD PRODUCTION OF PAPER AND PAPERBOARD, 1986

Trade area[a]	Newsprint	Printing and writing paper	Wrapping and packaging paper and board	Tissue and sanitary paper	Other paper and paperboard	Total
			1 000 t			
Total North America	**14 382**	**20 055**	**37 473**	**5 055**	**2 753**	**79 718**
Canada	9 274	2 427	3 142	431	--	15 274
United States	5 108	17 628	34 331	4 624	2 753	64 444
Central America	**367**	**521**	**1 364**	**369**	**84**	**2 705**
Mexico	367	452	1 283	317	50	2 469
South America	**608**	**1 879**	**3 327**	**611**	**719**	**7 144**
Brazil	213	1 351	2 018	286	617	4 485
Chile	169	67	112	36	4	388
Venezuela	-	106	345	149	12	612
Africa	**487**	**499**	**1 228**	**109**	**129**	**2 452**
Algeria	-	40	78	2	--	120
Morocco	-	25	62	3	19	109
Middle East - Africa	-	61	85	-	24	170
Europe	**7 256**	**18 612**	**22 977**	**3 064**	**5 395**	**57 304**
Western Europe	6 929	17 602	21 064	2 814	3 202	51 611
Economic Community	2 190	11 009	13 333	2 131	1 898	30 561
Belgium-Luxembourg	100	414	189	85	46	834
Denmark	-	133	113	12	35	293
France	305	1 898	2 750	233	164	5 350
Germany, Fed. Rep.	761	3 885	3 504	649	607	9 406
Greece	12	70	80	80	40	282
Ireland	-	-	40	-	--	40
Italy	212	1 975	1 879	241	324	4 631
Netherlands	186	600	1 094	157	5	2 042
Portugal	-	119	357	49	65	590
Spain	138	781	1 670	201	362	3 152
United Kingdom	476	1 134	1 657	424	250	3 941
Scandinavia	4 227	5 142	6 011	458	641	16 479
Finland	1 646	3 366	2 043	156	338	7 549
Norway	855	295	354	25	44	1 573
Sweden	1 726	1 481	3 614	277	259	7 357
Other Western Europe	512	1 451	1 720	225	663	4 571
Eastern Europe	327	1 010	1 913	250	2 193	5 693
USSR	**1 602**	**1 310**	**-**	**-**	**7 156**	**10 068**
Asia	**3 922**	**11 247**	**11 695**	**1 369**	**11 731**	**39 964**
China, People's Rep.	456	3 116	-	-	8 205	11 777
Hong Kong	-	-	38	2	--	40
India	250	850	406	12	282	1 800
Japan	2 641	5 952	8 880	1 147	2 442	21 062
Korea, Rep. of (South)	273	614	1 549	106	231	2 773
Middle East - Asia	151	191	259	31	121	753
Southeast Asia	95	393	462	71	358	1 379
Oceania	**575**	**301**	**656**	**172**	**563**	**2 267**
Australia	363	255	338	126	514	1 596
New Zealand	212	46	318	46	49	671
World	**29 199**	**54 424**	**78 719**	**10 749**	**28 530**	**201 621**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Canada produces 31.8% of the world's newsprint.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 7A. WORLD EXPORTS OF FOREST PRODUCTS, 1985

Trade area[a]	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: Newsprint	Paper and paperboard: Total	Total
				U.S.$000 000				
Total North America	**1 658**	**3 809**	**4 135**	**583**	**3 828**	**4 090**	**6 353**	**16 557**
Canada	207	3 316	3 381	355	2 484	3 958	4 794	11 221
United States	1 451	493	754	228	1 343	131	1 559	5 335
Central America	**1**	**35**	**39**	**17**	**-**	**-**	**25**	**83**
Mexico	--	1	1	10	-	-	3	14
South America	**47**	**70**	**265**	**181**	**491**	**54**	**357**	**1 341**
Brazil	2	19	122	136	278	2	263	801
Chile	40	51	58	9	181	49	67	355
Venezuela	-	-	-	-	-	-	-	-
Africa	**400**	**12**	**143**	**93**	**224**	**63**	**142**	**1 003**
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	4	14	-	-	19
Middle East - Africa	-	-	-	-	-	-	-	-
Europe	**1 032**	**2 695**	**3 316**	**1 812**	**2 750**	**1 538**	**13 021**	**21 931**
Western Europe	814	2 435	2 969	1 718	2 672	1 524	12 664	20 837
Economic Community	552	303	663	1 088	658	168	5 442	8 403
Belgium-Luxembourg	48	20	56	216	54	12	235	607
Denmark	24	12	30	29	13	--	86	182
France	205	16	145	171	114	5	943	1 578
Germany, Fed. Rep.	187	116	202	344	55	71	1 892	2 680
Greece	--	--	1	13	-	1	18	32
Ireland	5	7	16	3	-	--	9	33
Italy	1	14	29	122	23	18	544	720
Netherlands	17	14	69	31	2	34	744	863
Portugal	22	85	88	52	286	-	92	540
Spain	20	16	17	72	109	2	247	465
United Kingdom	22	4	10	36	2	24	634	704
Scandinavia	155	1 737	1 747	381	1 855	1 340	6 203	10 341
Finland	86	646	649	261	546	565	3 061	4 604
Norway	18	32	33	19	205	262	533	808
Sweden	51	1 059	1 065	101	1 104	513	2 610	4 930
Other Western Europe	106	394	560	249	159	16	1 018	2 092
Eastern Europe	218	261	346	94	78	13	358	1 095
USSR	**708**	**961**	**982**	**179**	**414**	**155**	**400**	**2 684**
Asia	**1 352**	**70**	**1 159**	**1 620**	**29**	**49**	**1 146**	**5 306**
China, People's Rep.	7	16	38	233	16	-	172	466
Hong Kong	--	--	18	2	-	1	58	78
India	1	-	1	12	-	-	1	15
Japan	7	1	15	59	7	32	682	771
Korea, Rep. of (South)	-	20	22	40	-	3	69	132
Middle East - Asia	17	21	21	18	-	-	29	85
Southeast Asia	1 221	12	1 001	1 257	5	6	126	3 610
Oceania	**276**	**64**	**78**	**20**	**101**	**51**	**127**	**602**
Australia	152	1	9	2	-	1	34	197
New Zealand	36	61	62	14	101	50	93	305
World	**5 475**	**7 716**	**10 117**	**4 505**	**7 837**	**6 000**	**21 572**	**49 506**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Canada accounts for 22.7% of total world exports of forest products.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 7B. WORLD EXPORTS OF FOREST PRODUCTS, 1986

Trade area[a]	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: Newsprint	Paper and paperboard: Total	Total
				U.S.$000 000				
Total North America	**1 688**	**4 145**	**4 571**	**658**	**4 582**	**4 273**	**6 928**	**18 426**
Canada	268	3 505	3 584	328	2 932	4 079	5 029	12 140
United States	1 420	640	987	330	1 650	195	1 899	6 286
Central America	**1**	**32**	**35**	**17**	**-**	**-**	**22**	**76**
Mexico	--	1	1	10	-	-	3	14
South America	**43**	**86**	**269**	**176**	**541**	**60**	**435**	**1 464**
Brazil	1	23	120	146	323	6	347	936
Chile	39	64	70	9	192	52	61	370
Venezuela	-	-	-	-	-	-	-	-
Africa	**384**	**12**	**146**	**96**	**229**	**63**	**139**	**995**
Algeria	-	-	-	-	-	-	-	-
Morocco	-	-	-	4	14	-	-	19
Middle East - Africa	-	-	-	-	-	-	-	-
Europe	**1 235**	**3 221**	**3 956**	**2 314**	**3 126**	**1 931**	**16 165**	**26 796**
Western Europe	1 020	2 927	3 578	2 217	3 054	1 918	15 837	25 705
Economic Community	705	396	876	1 401	817	242	7 032	10 830
Belgium-Luxembourg	77	24	74	304	67	17	305	826
Denmark	29	13	32	39	16	1	113	229
France	282	21	189	171	155	9	1 095	1 893
Germany, Fed. Rep.	222	165	280	470	74	122	2 541	3 587
Greece	--	--	1	17	-	--	14	31
Ireland	5	8	12	3	-	--	9	30
Italy	2	16	33	170	25	7	687	918
Netherlands	24	21	113	55	2	49	1 115	1 308
Portugal	19	110	114	58	337	-	98	626
Spain	22	14	16	71	140	2	257	506
United Kingdom	21	4	12	43	2	35	799	877
Scandinavia	189	2 036	2 046	483	2 016	1 658	7 435	12 169
Finland	111	727	730	342	617	652	3 692	5 491
Norway	26	40	40	23	188	295	603	881
Sweden	52	1 269	1 275	118	1 211	711	3 140	5 797
Other Western Europe	126	496	656	332	221	18	1 370	2 705
Eastern Europe	215	293	378	98	72	13	328	1 091
USSR	**829**	**1 001**	**1 022**	**194**	**414**	**155**	**400**	**2 859**
Asia	**1 318**	**77**	**1 313**	**1 887**	**43**	**46**	**1 501**	**6 061**
China, People's Rep.	7	16	38	215	23	-	243	526
Hong Kong	--	-	17	3	-	-	57	78
India	1	-	1	12	-	-	1	15
Japan	8	1	19	67	15	19	854	963
Korea, Rep. of (South)	-	27	29	51	-	13	147	226
Middle East - Asia	17	21	21	18	-	-	38	94
Southeast Asia	1 168	12	1 140	1 522	5	6	152	3 988
Oceania	**293**	**60**	**75**	**26**	**114**	**149**	**229**	**737**
Australia	161	--	9	3	-	1	33	207
New Zealand	39	57	58	19	114	148	196	426
World	**5 791**	**8 633**	**11 386**	**5 368**	**9 049**	**6 677**	**25 819**	**57 414**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Canada accounts for 22.1% of total world exports of forest products.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 8A. WORLD IMPORTS OF FOREST PRODUCTS, 1985

Trade area[a]	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: Newsprint	Paper and paperboard: Total	Total
				U.S.$000 000				
Total North America	**215**	**2 855**	**3 171**	**891**	**1 608**	**3 720**	**5 851**	**11 737**
Canada	136	82	230	100	91	-	424	980
United States	80	2 772	2 942	791	1 517	3 720	5 427	10 756
Central America	**12**	**209**	**254**	**73**	**143**	**80**	**573**	**1 055**
Mexico	3	34	40	9	116	18	139	307
South America	**26**	**41**	**93**	**43**	**155**	**215**	**597**	**913**
Brazil	8	-	13	6	12	45	109	148
Chile	-	-	-	-	-	-	42	42
Venezuela	16	18	28	32	82	72	129	287
Africa	**134**	**682**	**811**	**227**	**80**	**78**	**1 077**	**2 330**
Algeria	35	135	140	48	32	6	65	320
Morocco	23	42	49	4	9	3	37	122
Middle East - Africa	62	452	487	127	4	22	488	1 169
Europe	**1 976**	**3 421**	**4 898**	**2 458**	**4 576**	**1 576**	**11 297**	**25 206**
Western Europe	1 879	2 980	4 445	2 351	4 282	1 518	10 909	23 866
Economic Community	1 192	2 706	4 045	2 028	3 833	1 485	9 787	20 885
Belgium-Luxembourg	108	107	239	111	170	56	591	1 220
Denmark	21	195	222	139	42	74	424	848
France	196	207	340	220	643	136	1 440	2 839
Germany, Fed. Rep.	237	422	643	440	1 196	347	2 382	4 898
Greece	25	61	68	10	58	32	124	285
Ireland	2	34	56	34	7	25	171	270
Italy	370	457	718	144	685	96	737	2 653
Netherlands	44	255	426	260	240	106	902	1 872
Portugal	59	--	4	1	18	16	84	166
Spain	97	98	196	11	143	61	265	712
United Kingdom	34	869	1 131	658	632	536	2 668	5 123
Scandinavia	416	111	167	160	112	--	430	1 286
Finland	172	--	10	11	24	-	81	297
Norway	63	100	119	56	42	-	152	432
Sweden	181	10	39	94	46	--	197	557
Other Western Europe	271	163	233	163	337	33	692	1 695
Eastern Europe	98	441	453	106	295	58	388	1 340
USSR	**33**	**18**	**74**	**44**	**109**	**3**	**532**	**792**
Asia	**5 177**	**989**	**1 723**	**841**	**1 678**	**737**	**3 128**	**12 545**
China, People's Rep.	989	2	108	141	271	114	653	2 163
Hong Kong	45	2	25	101	4	50	366	540
India	3	--	--	--	39	101	165	208
Japan	3 452	643	933	106	905	177	475	5 872
Korea, Rep. of (South)	497	2	29	-	240	-	96	863
Middle East - Asia	103	338	480	374	69	83	527	1 553
Southeast Asia	72	1	134	79	125	180	698	1 109
Oceania	**1**	**129**	**253**	**53**	**76**	**132**	**599**	**981**
Australia	--	110	225	37	70	120	492	824
New Zealand	1	6	13	4	6	10	90	114
World	**7 574**	**8 344**	**11 277**	**4 629**	**8 425**	**6 542**	**23 655**	**55 560**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Canada accounts for only 1.8% of total world import of forest products.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 8B. WORLD IMPORTS OF FOREST PRODUCTS, 1986

Trade area[a]	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: Newsprint	Paper and paperboard: Total	Total
				U.S.$000 000				
Total North America	**225**	**2 943**	**3 277**	**987**	**1 671**	**3 682**	**6 092**	**12 252**
Canada	166	103	280	135	90	-	471	1 141
United States	60	2 841	2 997	852	1 581	3 682	5 621	11 111
Central America	**11**	**221**	**263**	**71**	**152**	**73**	**574**	**1 071**
Mexico	3	40	46	9	127	18	139	324
South America	**25**	**46**	**101**	**44**	**161**	**262**	**626**	**957**
Brazil	7	-	17	7	18	92	155	205
Chile	-	-	-	-	-	-	42	42
Venezuela	16	18	28	32	75	79	124	275
Africa	**101**	**531**	**665**	**229**	**81**	**77**	**1 081**	**2 157**
Algeria	35	102	106	48	32	6	65	286
Morocco	24	42	56	6	9	3	37	132
Middle East - Africa	27	335	368	127	4	22	488	1 015
Europe	**2 430**	**4 429**	**6 135**	**3 174**	**5 341**	**2 023**	**14 942**	**32 022**
Western Europe	2 326	3 987	5 681	3 061	5 053	1 962	14 532	30 652
Economic Community	1 432	3 583	5 151	2 613	4 531	1 917	13 015	26 742
Belgium-Luxembourg	129	131	206	159	203	81	807	1 503
Denmark	29	285	324	179	49	104	604	1 186
France	229	288	444	258	774	197	1 945	3 650
Germany, Fed. Rep.	292	611	888	588	1 404	502	3 232	6 404
Greece	56	76	91	16	72	29	144	379
Ireland	2	37	53	34	7	25	171	267
Italy	432	580	891	195	793	147	1 007	3 318
Netherlands	61	333	598	369	273	174	1 415	2 718
Portugal	59	--	6	1	18	17	91	175
Spain	107	107	219	23	189	66	396	934
United Kingdom	35	1 133	1 431	791	749	574	3 202	6 208
Scandinavia	583	166	236	213	141	--	566	1 738
Finland	161	--	13	14	34	-	104	326
Norway	106	153	174	80	45	-	194	599
Sweden	317	13	48	119	62	--	267	813
Other Western Europe	311	239	293	236	381	45	951	2 173
Eastern Europe	104	442	454	113	289	62	410	1 370
USSR	**26**	**18**	**69**	**41**	**109**	**3**	**532**	**777**
Asia	**5 214**	**1 148**	**1 873**	**950**	**1 892**	**777**	**3 950**	**13 880**
China, People's Rep.	943	2	143	152	300	70	1 120	2 659
Hong Kong	51	1	30	122	4	57	496	702
India	3	--	--	--	39	89	154	197
Japan	3 524	872	1 118	181	1 057	296	672	6 552
Korea, Rep. of (South)	495	2	56	-	266	-	111	928
Middle East - Asia	112	269	380	379	70	80	541	1 482
Southeast Asia	70	1	134	79	134	153	711	1 129
Oceania	**2**	**179**	**245**	**58**	**74**	**128**	**581**	**959**
Australia	--	160	219	42	69	102	465	795
New Zealand	1	9	15	4	5	21	97	122
World	**8 034**	**9 516**	**12 628**	**5 553**	**9 482**	**7 025**	**28 378**	**64 075**

[a]See Section X.B for details on groupings of trade areas used in this table.

Note: Canada accounts for only 1.8% of total world import of forest products.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 9A. WORLD APPARENT CONSUMPTION OF FOREST PRODUCTS, 1985

Trade area[a]	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: Newsprint	Paper and paperboard: Total
	1 000 m^3					1 000 t	
Total North America	**606 037**	**117 069**	**133 011**	**39 452**	**63 075**	**13 040**	**72 666**
Canada	176 335	14 513	16 135	4 536	13 446	716	4 831
United States	429 702	102 556	116 876	34 916	49 629	12 324	67 835
Central America	**57 704**	**3 820**	**5 182**	**1 210**	**967**	**419**	**3 469**
Mexico	21 330	2 075	2 466	791	896	298	2 514
South America	**307 414**	**10 087**	**23 891**	**3 210**	**4 182**	**864**	**6 537**
Brazil	234 115	8 313	17 642	2 132	2 751	299	3 616
Chile	14 403	1 234	1 342	176	334	56	262
Venezuela	1 178	120	341	200	312	136	743
Africa	**434 565**	**5 579**	**11 455**	**2 019**	**1 301**	**356**	**3 541**
Algeria	2 169	808	831	143	71	16	197
Morocco	2 378	461	551	109	44	5	174
Middle East - Africa	64 839	2 426	2 674	362	10	44	1 033
Europe	**362 233**	**70 699**	**92 286**	**34 357**	**37 272**	**6 718**	**51 664**
Western Europe	274 869	54 053	69 386	27 092	32 842	6 172	45 783
Economic Community	122 407	38 565	51 239	22 236	15 776	5 114	38 594
Belgium-Luxembourg	6 016	1 229	1 895	1 000	597	222	1 548
Denmark	1 533	1 703	2 172	795	132	188	891
France	35 913	7 038	10 164	2 945	3 070	568	6 222
Germany, Fed. Rep.	29 578	10 208	12 185	7 307	5 006	1 406	10 623
Greece	3 017	553	687	438	158	79	468
Ireland	963	456	520	187	11	51	263
Italy	14 932	4 617	7 401	2 716	2 403	382	5 241
Netherlands	1 199	2 109	2 921	1 131	734	384	2 254
Portugal	8 532	959	1 534	117	307	40	428
Spain	15 973	2 071	3 090	1 526	1 410	263	2 936
United Kingdom	4 750	7 621	8 672	4 075	1 948	1 531	7 721
Scandinavia	112 405	8 359	8 810	2 374	14 197	526	3 731
Finland	45 618	2 363	2 457	630	6 505	168	1 268
Norway	11 364	2 502	2 551	709	1 480	116	538
Sweden	55 423	3 495	3 802	1 036	6 213	242	1 925
Other Western Europe	40 057	7 129	9 337	2 482	2 869	532	3 459
Eastern Europe	87 365	16 646	22 900	7 265	4 431	546	5 881
USSR	**352 721**	**78 508**	**90 763**	**11 724**	**9 578**	**1 190**	**9 670**
Asia	**1 021 938**	**56 159**	**101 990**	**18 630**	**17 076**	**5 302**	**41 364**
China, People's Rep.	277 126	17 565	27 556	2 972	2 342	784	11 767
Hong Kong	822	13	321	243	8	114	697
India	246 331	2 376	17 460	426	931	378	1 840
Japan	74 743	27 970	33 626	9 459	11 511	2 841	20 373
Korea, Rep. of (South)	14 380	1 768	2 964	1 173	957	231	2 294
Middle East - Asia	24 756	5 316	7 788	2 180	539	326	1 506
Southeast Asia	241 874	8	9 703	1 902	619	512	2 239
Oceania	**28 319**	**4 255**	**6 757**	**1 360**	**1 834**	**800**	**2 896**
Australia	12 943	2 312	4 575	992	1 083	652	2 273
New Zealand	8 363	1 808	1 865	332	750	145	602
World	**3 170 933**	**346 175**	**465 334**	**111 963**	**135 285**	**28 689**	**191 808**

[a]See Section X.B for details on groupings of trade areas used in this table.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 9B. WORLD APPARENT CONSUMPTION OF FOREST PRODUCTS, 1986

Trade area[a]	Roundwood	Lumber and railway ties: Softwood lumber	Lumber and railway ties: Total	Panel products	Wood pulp	Paper and paperboard: Newsprint	Paper and paperboard: Total
	1 000 m^3				1 000 t		
Total North America	**647 634**	**123 955**	**139 923**	**42 436**	**66 336**	**13 226**	**76 225**
Canada	180 691	14 781	16 575	5 082	14 315	683	5 140
United States	466 943	109 174	123 349	37 354	52 020	12 543	71 086
Central America	**58 285**	**3 768**	**5 126**	**1 294**	**966**	**522**	**3 586**
Mexico	21 241	2 035	2 445	873	897	405	2 607
South America	**313 692**	**10 097**	**24 584**	**3 701**	**4 467**	**991**	**7 198**
Brazil	237 829	8 304	18 032	2 125	3 001	420	4 051
Chile	15 200	1 201	1 431	185	281	38	278
Venezuela	1 281	120	366	571	308	150	808
Africa	**446 073**	**4 672**	**10 528**	**2 017**	**1 317**	**450**	**3 783**
Algeria	2 229	608	627	143	71	16	207
Morocco	2 216	415	524	117	44	5	176
Middle East - Africa	66 367	1 772	2 009	362	10	44	1 033
Europe	**366 491**	**73 798**	**95 291**	**36 281**	**38 245**	**7 028**	**54 842**
Western Europe	276 835	57 652	72 886	28 488	33 876	6 516	48 814
Economic Community	123 137	41 251	53 884	23 504	16 596	5 398	41 108
Belgium-Luxembourg	5 741	1 310	1 995	1 128	615	222	1 591
Denmark	1 620	2 025	2 509	904	120	204	937
France	34 992	7 269	10 387	3 218	3 460	643	6 683
Germany, Fed. Rep.	29 417	10 898	12 989	7 546	5 160	1 453	11 286
Greece	3 192	577	734	484	195	70	475
Ireland	931	471	524	192	11	51	281
Italy	14 746	4 410	6 542	2 749	2 369	469	5 400
Netherlands	1 344	2 320	3 304	1 298	760	427	2 529
Portugal	8 835	666	1 241	159	267	43	477
Spain	17 156	2 414	3 634	1 736	1 496	277	3 371
United Kingdom	5 162	8 892	10 026	4 090	2 144	1 540	8 079
Scandinavia	114 413	8 959	9 435	2 467	14 388	563	4 219
Finland	45 024	2 498	2 616	585	6 535	176	1 360
Norway	11 818	2 711	2 754	745	1 484	149	583
Sweden	57 572	3 751	4 066	1 137	6 369	239	2 276
Other Western Europe	39 286	7 442	9 567	2 518	2 892	555	3 488
Eastern Europe	89 656	16 146	22 404	7 793	4 370	512	6 028
USSR	**359 545**	**78 795**	**91 235**	**12 613**	**9 578**	**1 238**	**9 718**
Asia	**1 040 712**	**56 605**	**101 727**	**19 563**	**17 574**	**5 300**	**43 807**
China, People's Rep.	280 651	17 113	27 030	3 180	2 462	646	12 723
Hong Kong	818	9	337	315	9	137	786
India	250 268	2 376	17 460	426	984	417	2 029
Japan	74 053	28 731	34 267	9 755	11 744	3 009	21 107
Korea, Rep. of (South)	16 008	2 365	3 686	983	1 016	239	2 606
Middle East - Asia	24 806	4 863	7 175	2 191	539	322	1 514
Southeast Asia	249 224	7	9 278	2 440	650	419	2 383
Oceania	**28 694**	**4 353**	**6 777**	**1 389**	**1 753**	**610**	**2 640**
Australia	13 412	2 231	4 416	1 024	1 133	616	2 220
New Zealand	8 347	2 007	2 064	330	621	-10	397
World	**3 261 126**	**356 041**	**475 190**	**119 295**	**140 236**	**29 365**	**201 799**

[a]See Section X.B for details on groupings of trade areas used in this table.

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 10. APPARENT CONSUMPTION OF FOREST PRODUCTS BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1986

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard	
		Softwood lumber	Total			Newsprint	Total
	1 000 m^3					1 000 t	
A. Canada							
1961	91 109	7 007	8 085	1 374	8 027	422	2 241
1965	100 792	9 226	10 531	1 969	9 810	481	3 031
1970	117 973	8 470	9 811	2 951	11 592	657	3 347
1975	115 955	11 298	12 709	4 168	9 927	661	3 440
1980	157 742	14 600	16 611	3 692	12 842	918	4 094
1981	143 504	12 634	14 224	3 945	12 661	959	4 655
1982	128 768	8 980	10 248	3 132	11 031	1 039	4 096
1983	155 292	7 966	9 296	4 373	12 551	1 011	4 437
1984	163 274	12 079	13 775	4 132	13 606	1 065	4 858
1985	176 335	14 513	16 135	4 536	13 446	716	4 831
1986	180 691	14 781	16 575	5 082	14 315	683	5 140
B. United States							
1961	291 309	69 145	83 454	11 552	23 917	6 655	34 910
1965	320 518	78 193	96 268	17 877	30 712	7 637	42 298
1970	315 422	75 711	93 090	25 203	37 676	9 032	49 773
1975	291 896	71 933	85 697	26 211	37 187	8 503	48 314
1980	399 337	84 110	101 196	27 401	46 448	10 673	60 577
1981	404 209	76 826	92 755	28 385	47 564	10 837	61 307
1982	379 778	76 199	87 341	25 401	45 022	10 219	58 584
1983	420 764	91 587	104 533	31 435	48 091	10 697	63 094
1984	435 232	100 448	114 837	33 127	51 226	11 912	68 575
1985	429 702	102 556	116 876	34 916	49 629	12 324	67 835
1986	466 943	109 174	123 349	37 354	52 020	12 543	71 086
C. World							
1961	2 053 569	262 913	344 211	26 335	61 607	14 477	77 466
1965	2 225 412	292 152	382 128	42 080	77 756	16 918	97 206
1970	2 459 113	311 627	413 503	69 839	101 646	21 408	125 898
1975	2 577 182	303 845	404 308	84 381	101 772	20 874	130 406
1980	2 930 531	330 937	448 372	100 432	125 244	25 656	168 290
1981	2 938 323	313 228	428 049	100 152	124 480	26 479	169 062
1982	2 929 986	309 461	421 000	96 273	119 247	25 617	166 654
1983	3 045 100	324 370	437 841	104 982	127 699	26 139	175 844
1984	3 133 754	340 849	458 196	108 291	135 442	28 124	189 063
1985	3 170 933	346 175	465 334	111 963	135 285	28 689	191 808
1986	3 261 126	356 041	475 190	119 295	140 236	29 365	201 799

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 11. PRODUCTION OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1986

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard	
		Softwood lumber	Total			Newsprint	Total
	1 000 m^3					1 000 t	
A. Canada							
1961	93 569	18 483	19 644	1 493	10 574	6 095	7 975
1965	103 670	24 302	25 782	2 314	13 221	7 003	9 758
1970	121 385	25 408	26 932	3 288	16 609	7 996	11 253
1975	115 276	25 742	26 715	3 734	14 831	7 010	10 067
1980	158 842	42 895	44 324	4 802	19 945	8 625	13 390
1981	144 572	38 719	39 675	4 711	19 275	8 946	13 835
1982	129 673	36 078	37 168	4 134	17 007	8 117	12 408
1983	156 965	41 157	42 070	5 324	19 221	8 486	13 353
1984	164 993	48 582	49 869	5 474	20 451	9 014	14 222
1985	176 471	52 514	53 785	6 056	20 250	8 991	14 448
1986	180 491	51 814	53 210	6 209	21 670	9 274	15 274
B. United States							
1961	289 770	61 086	75 161	10 832	22 759	1 863	30 758
1965	322 564	68 815	86 437	16 412	29 154	1 978	37 866
1970	327 945	64 971	81 854	23 026	37 318	3 143	45 805
1975	307 723	61 867	75 903	25 005	36 808	3 348	45 248
1980	418 453	66 588	84 112	26 224	46 187	4 238	56 839
1981	419 016	59 969	76 310	27 300	47 200	4 753	57 667
1982	396 896	58 830	70 307	24 204	44 786	4 574	54 899
1983	437 762	68 208	81 727	29 518	47 660	4 687	58 804
1984	452 215	73 508	88 375	30 904	50 398	5 029	62 366
1985	448 488	72 367	86 800	32 194	49 061	4 923	60 959
1986	484 511	80 720	95 330	34 908	51 927	5 108	64 444
C. World							
1961	2 050 551	263 251	344 219	26 281	61 531	14 362	77 494
1965	2 220 172	293 171	382 476	41 893	77 806	17 017	97 615
1970	2 459 904	312 099	414 553	69 560	101 936	21 492	126 482
1975	2 579 191	304 700	405 042	84 436	102 132	20 442	130 474
1980	2 926 508	333 564	450 856	101 098	125 824	25 385	169 730
1981	2 931 419	315 549	430 020	100 274	125 168	26 497	170 403
1982	2 926 418	311 467	422 853	96 251	119 571	24 955	166 709
1983	3 037 720	327 275	441 274	105 481	128 250	25 996	177 128
1984	3 125 822	343 137	460 830	108 640	135 662	27 803	189 800
1985	3 164 379	346 754	465 439	112 206	135 431	28 252	192 367
1986	3 252 353	355 527	474 668	119 152	140 489	29 199	201 621

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 12. EXPORTS OF FOREST PRODUCTS (QUANTITY) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1986

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard	
		Softwood lumber	Total			Newsprint	Total
	1 000 m^3					1 000 t	
A. Canada							
1961	3 781	11 832	12 169	210	2 603	5 673	5 881
1965	4 950	15 458	15 932	468	3 495	6 523	6 871
1970	5 598	17 337	17 743	579	5 063	7 339	8 073
1975	2 402	15 305	15 522	482	4 986	6 349	7 158
1980	4 249	28 966	29 326	1 344	7 244	7 707	9 555
1981	3 930	27 293	27 631	1 218	6 752	7 987	9 558
1982	3 564	27 605	27 903	1 171	6 123	7 078	8 642
1983	5 022	33 964	34 249	1 265	6 823	7 475	9 341
1984	5 737	37 131	37 484	1 619	7 040	7 949	9 903
1985	4 750	38 664	39 004	1 819	7 024	8 275	10 157
1986	5 068	37 826	38 192	1 587	7 622	8 591	10 763
B. United States							
1961	2 662	1 450	1 797	43	1 068	165	946
1965	5 796	1 969	2 304	86	1 272	76	1 490
1970	16 391	2 720	3 035	304	2 808	130	2 421
1975	18 198	3 248	4 073	1 025	2 391	150	2 569
1980	22 362	4 647	5 834	968	3 392	159	4 120
1981	17 849	4 477	5 618	1 315	3 322	245	3 576
1982	19 759	3 818	4 694	917	3 060	279	3 288
1983	20 269	4 332	5 522	1 135	3 275	268	3 577
1984	19 935	3 748	5 016	1 048	3 215	278	3 488
1985	21 368	3 555	4 534	936	3 415	285	3 215
1986	20 410	4 406	5 662	1 361	4 013	356	3 913
C. World							
1961	38 351	36 352	40 981	3 084	9 773	7 732	12 772
1965	49 768	43 950	49 434	5 292	12 480	8 985	16 489
1970	96 398	49 348	57 424	9 728	16 921	10 641	23 387
1975	100 943	43 250	52 410	12 436	15 078	9 369	23 074
1980	116 957	65 938	79 625	16 323	21 188	12 321	35 041
1981	100 190	60 646	72 534	16 759	20 197	12 922	35 364
1982	98 980	61 439	73 094	15 443	18 533	11 508	33 667
1983	100 953	70 576	83 780	17 389	21 080	12 143	36 812
1984	103 273	72 755	86 111	18 217	21 529	13 127	39 902
1985	106 085	73 473	85 980	19 101	21 778	13 751	40 855
1986	105 866	73 827	86 955	20 542	23 265	14 209	43 408

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 13. EXPORTS OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1986

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard		Total forest products
		Softwood lumber	Total			Newsprint	Total	
				U.S.$000 000				
A. Canada								
1961	39	343	366	35	332	730	764	1 535
1965	50	456	490	70	459	809	866	1 935
1970	71	614	650	77	753	1 065	1 192	2 743
1975	58	933	961	94	1 789	1 714	1 980	4 881
1980	172	2 793	2 884	274	3 311	3 143	3 883	10 523
1981	162	2 471	2 553	255	3 186	3 608	4 272	10 428
1982	175	2 311	2 378	251	2 622	3 309	3 975	9 401
1983	222	3 169	3 238	301	2 481	3 250	3 998	10 240
1984	268	3 232	3 306	349	3 019	3 695	4 577	11 519
1985	207	3 316	3 381	355	2 484	3 958	4 794	11 221
1986	268	3 505	3 584	328	2 932	4 079	5 029	12 140
B. United States								
1961	55	62	84	10	159	23	212	521
1965	127	94	120	23	190	11	317	777
1970	407	162	194	42	464	19	515	1 621
1975	871	342	413	222	897	52	1 101	3 504
1980	2 007	778	1 054	284	1 629	86	2 017	6 990
1981	1 585	653	926	349	1 656	140	2 013	6 528
1982	1 528	576	805	251	1 408	143	1 714	5 706
1983	1 372	596	898	311	1 351	127	1 719	5 651
1984	1 374	530	835	236	1 483	114	1 813	5 742
1985	1 451	493	754	228	1 343	131	1 559	5 335
1986	1 420	640	987	330	1 650	195	1 899	6 286
C. World								
1961	669	1 344	1 608	407	1 205	1 001	2 088	5 977
1965	926	1 701	2 045	686	1 598	1 125	2 689	7 944
1970	1 897	2 180	2 688	1 146	2 498	1 493	4 336	12 565
1975	3 726	3 839	4 976	2 273	5 344	2 729	9 492	25 811
1980	8 763	9 087	12 344	5 161	9 543	5 293	20 047	55 858
1981	6 647	7 681	10 260	4 922	9 279	5 868	20 044	51 152
1982	6 279	7 007	9 402	4 327	7 773	5 282	18 732	46 512
1983	5 890	8 044	10 837	4 653	7 698	5 062	18 525	47 603
1984	5 392	7 984	10 611	4 513	9 065	5 582	20 721	50 302
1985	5 475	7 716	10 117	4 505	7 837	6 000	21 572	49 506
1986	5 791	8 633	11 386	5 368	9 049	6 677	25 819	57 414

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

IX - 14. IMPORTS OF FOREST PRODUCTS (VALUE) BY MAJOR COMMODITY GROUP AND SELECTED COUNTRIES, 1961-1986

Country/ year	Roundwood	Lumber and railway ties		Panel products	Wood pulp	Paper and paperboard		Total forest products
		Softwood lumber	Total			Newsprint	Total	
				U.S.$000 000				
A. Canada								
1961	14	15	31	14	8	-	42	108
1965	27	17	36	20	12	-	51	146
1970	30	21	39	36	8	-	48	161
1975	63	70	127	143	28	-	247	607
1980	82	92	251	76	64	-	224	697
1981	84	108	255	129	67	-	321	855
1982	80	58	157	54	68	-	273	632
1983	102	99	240	95	66	-	338	841
1984	128	84	246	99	94	-	438	1 005
1985	136	82	230	100	91	-	424	980
1986	166	103	280	135	90	-	471	1 141
B. United States								
1961	39	274	315	108	303	687	718	1 483
1965	35	318	375	192	398	790	833	1 834
1970	46	424	487	265	480	930	1 022	2 300
1975	52	834	920	334	1 037	1 457	1 614	3 957
1980	94	1 767	1 915	586	1 673	2 638	3 314	7 582
1981	97	1 699	1 851	660	1 753	2 825	3 347	7 709
1982	91	1 569	1 671	504	1 485	3 749	4 338	8 089
1983	114	2 646	2 800	853	1 485	2 817	3 734	8 987
1984	96	2 557	2 723	766	1 845	3 370	5 067	10 496
1985	80	2 772	2 942	791	1 517	3 720	5 427	10 756
1986	60	2 841	2 997	852	1 581	3 682	5 621	11 111
C. World								
1961	936	1 509	1 841	435	1 316	1 125	2 230	6 758
1965	1 357	1 925	2 361	730	1 743	1 251	2 870	9 062
1970	2 721	2 441	3 021	1 184	2 650	1 619	4 568	14 144
1975	5 187	4 222	5 587	2 309	5 594	3 117	10 151	28 827
1980	12 438	10 181	13 969	5 237	9 777	5 758	20 846	62 269
1981	8 994	8 271	11 399	5 131	9 607	6 163	21 007	56 139
1982	8 533	8 082	11 034	4 577	8 451	6 935	21 644	54 239
1983	8 016	8 696	11 744	4 744	8 072	5 563	20 081	52 658
1984	7 980	8 476	11 515	4 655	9 340	6 070	22 315	55 806
1985	7 574	8 344	11 277	4 629	8 425	6 542	23 655	55 560
1986	8 034	9 516	12 628	5 553	9 482	7 025	28 378	64 075

Source: Food and Agriculture Organization of the United Nations. 1986 Yearbook of Forest Products.

SECTION X

USER'S GUIDE

- Definitions of terms
- Trade area groupings
- Reference notes

X. USER'S GUIDE

A. Definitions of terms

Age class: Any interval into which the age range of trees, forests, stands, or forest types is divided for classification and use. Also the tree, forest, stand, or forest type falling into such an interval.

Balance of trade: The difference between the dollar, or money value, of a country's exports and imports of merchandise or of goods and services. If a country exports more than it imports, it has a trade surplus; if it imports more than it exports, it has a trade deficit. The balance of trade is an important part of a country's overall balance of payments.

Cansim (Canadian Socio-Economic Information Management System): A fully computerized data bank of Statistics Canada's current and historical information from its most widely used series of statistics.

Clear-cut: An area of forest land from which all merchantable trees have recently been harvested.

Constant dollar: Represents the value of expenditure or production measured in terms of some fixed base period's prices. (Changes in constant dollar expenditure or production can only be brought about by changes in the physical quantities of goods purchased or produced.)

Consumer price index: Measures the rate of change in a typical basket of consumer goods and services, including housing, food, and health care. It can be broken down into food and nonfood items, goods and services, and other components.

Domestic exports: Include both goods that are wholly produced in Canada and goods previously included in import statistics and which have been changed in form by further processing and then exported.

Employment, census of manufactures: Excludes working owners and partners of unincorporated businesses, which are separately tabulated, and outside pieceworkers. Respondents are asked for average number employed during the year. Production and related workers in manufacturing activity include those employees at the establishment engaged in processing, assembling, storing, inspecting, handling, and packing products and in maintenance, repair, janitorial, and security services; and working foremen. (Outside pieceworkers' remuneration is included in cost of materials). Administrative office and other non-manufacturing employees include all functions at head offices, sale offices and auxiliary units as well as cafeteria workers, research personnel, truck drivers, etc.

Employment, labor force survey: Persons who, during the reference period: a) did any work at all, for pay or profit in the context of an employer-employee relationship, or were self-employed (including unpaid family work, which is defined as work contributing directly to the operation of a family farm, business, or professional practice owned or operated by a related member of the household); or b) had a job but were not at work due to own illness or disability, personal or family responsibilities, bad weather, labor dispute, or other reasons (excluding persons on layoff and those with a job to start at a future date).

Establishment: The smallest unit capable of reporting certain specified input and output data; usually a plant or mill. Numbers for 1975 declined owing to the exclusion of existing establishments deemed to have no paid employees. Principal statistics of an establishment active in more than one municipality are prorated to "quasi-establishment" locations, which are treated as establishments in compilations.

Even-aged: Of a forest, stand or forest type in which relatively small age differences exist between individual trees. (The maximum difference is age permitted is usually 10 to 20 years; if the stand will not be harvested until it is 100 to 200 years old, larger differences up to 25% of the rotation age may be allowed.)

Exports: Sum of domestic exports and re-exports.

Forest biomass: It is the mass of the above-ground portion of live trees; it is expressed as ovendry tonnes; it includes small-diameter trees and it excludes dead trees and branches, roots, and nonwoody vegetation.

Forest land: Land primarily intended for growing, or currently supporting, forest. Includes land not now forested, e.g. clear-cut lands; northern lands that are forested, but not intended for any use; and plantations.

Fuel and electricity (cost of): Consumption of purchased fuel and electricity only, at laid-down cost including transportation and handling charges, duties, etc. Applies to large establishments only. Data for nonmanufacturing activity are included under manufacturing activity except where an ancillary office uses a separate "head office" report. In this latter case, the fuel reported is included under cost of materials for "Total Activity" only.

Gross merchantable volume of wood: Volume of the main stem, excluding stump and top but including defective and decayed wood, of trees or stands of trees.

Growing stock: The sum (by number, basal area, or volume) of trees in a forest or specified part of it.

Hardwood(s): Trees belonging to the botanical group Angiospermae with broad leaves usually all shed annually. Also, stands of such trees and the wood produced by them.

Immature: In even-aged management, those trees or stands that have grown past the regeneration stage, but are not sufficiently developed to be harvestable (except for thinning operations).

Implicit price index: The most comprehensive of all the indicators available in Canada for measuring price change, because it covers the entire range of goods and services produced and sold in the economy. It is, therefore, used as a measure of price change taking place in the economy as a whole. Moreover, implicit price indexes are available for each of the main expenditure components of Gross National Product. Therefore, this set of indicators can be used to trace and identify pressure points among the principal areas of demand as they are seen to be associated with inflationary developments in the economy.

Imports: Goods and services that are consumed in one country, Canada, for example, but produced in other countries. It includes all goods that are cleared by customs on arrival in Canada, together with goods that are held in customs warehouses. The following commodity movements are excluded from import statistics: settlers' effects; private donations and gifts; goods imported by foreign representatives in Canada or brought back by Canadians returning from postings abroad; and temporary imports for exhibition or competition, including films. Bunker supplies and ships' stores purchased by Canadian vessels or aircraft abroad, temporary imports, and goods merely in transit through Canadian territory are not reflected in any of the statistics.

Indirect taxes: Taxes that represent a business cost or that are incorporated into prices at the retail level are taken here as indirect. They constitute, in effect, taxes on expenditure.

Inventory (forest): A survey of a forest area to determine such data as area condition, timber, volume and species, for specific purposes such as planning, purchase, evaluation, management or harvesting.

Lumber: The product of saw and planing mills that is not further manufactured beyond sawing, resawing, passing lengthwise through a standard planing machine, crosscutting to length, and matching.

Materials and supplies (cost of): Generally, consumption of purchased items only at laid-down cost including transportation and handling charges, duties, etc. Includes transfers between units of the same company and work done on contract by others. At the manufacturing activity level, this item represents purchased items used in manufacturing operations.

Mature: In even-aged management, those trees or stands that are sufficiently developed to be harvestable (includes overmature trees and stands).

Mechanical wood pulp: The production of fibers and fiber bundles by grinding wood with pulpstones or by mechanical refiners as opposed to chemical methods.

Nonreserved (land): Forest land that by law is available for the harvesting of forest crops.

Overmature: Trees or stands of trees past rotation age. Openings in canopy as a result of mortality are becoming apparent.

Paper: Generally, a matted or felted sheet of vegetable fiber, formed on a screen from a water suspension, used for writing and printing as well as for wrapping and many other purposes. Paper is one of two broad subdivisions of the general term "paper"; the other is paperboard.

Paperboard: A general term describing sheets made of fibrous material 0.012 in. (0.3 mm) or more in thickness. Compared with paper, paperboard is heavier per unit area, thicker, and more rigid. Paperboard is the term used to describe any single variety, or group of varieties, of board materials used in the production of boxes, folding cartons, and solid fiber and corrugated shipping containers.

Particleboard: A generic term for a panel manufactured from lignocelluiosic materials - commonly wood - essentially in the form of particles (as distinct from fibers). These materials are bonded together with synthetic resin or other suitable binder, under heat and pressure, by a process wherein the interparticle bonds are created wholly by the added binder.

Plywood: A composite panel or board made up of cross-banded layers or plies, bonded with an adhesive, of veneer only, or veneer in combination with a core of lumber, or of particleboard. Generally the grain of one or more plies is roughly at right angles to that of the other plies. An odd number of plies is almost always used.

Production: The use of raw materials to create producer and consumer goods through various refining, processing, and manufacturing activities.

Production and related workers: See Employment, census of manufactures.

Productive (land): Forest land that is capable of producing a merchantable stand within a reasonable length of time.

Re-exports: Include only goods previously included in import statistics and which are exported from Canada in the same form as when imported. Minor operations such as sorting or blending are not considered as changing the condition of imported goods.

Reforestation: The process of rebuilding a forest after it has been logged, or after a fire or other natural processes such as disease kill the timber. Reforestation is accomplished through a variety of methods, including the planting of seedlings, the sowing of seed, or natural regeneration from "seed trees". (Before replanting, the ground usually is cleared of most of the debris, and efforts are made to limit the growth of br sh and grasses that would compete with the seedlings for water and light.

Regeneration: The renewal of a forest crop by natural or artificial means. Also, the new crop so obtained. The new crop is generally less than one metre in height.

Reserved (land): Forest land that by law is not available for the harvesting of forest crops.

Roundwood: Sections of tree stems, with or without bark. Includes logs, bolts, posts, pilings and other products still "in the round".

Salaries and wages: These are compiled before deductions for income tax and employee-paid portions of both employee benefits and social insurance. They include payments for regular work, overtime, and paid leave as well as bonuses, commissions paid to regular employees, severence pay, etc. Withdrawals of working owners and partners of unincorporated businesses are excluded.

Sash: A frame structure, normally glazed (e.g., a window), that is hung or fixed in a frame set in an opening.

Seedling: A young tree having a diameter at breast height equal to or less than 1 cm. Includes trees with a height less than 1.30 m.

Selling price index: An index that shows changes in the overall inflation rate or the rate of price change for a particular sector of the economy, with the base year equal to 100.

Semichemical pulp: Pulp obtained by mild treatment of wood chips by any of the chemical pulping processes, which remove only part of the lignin from the wood chips, followed by mechanical treatment to complete the separation of individual cellulose fibers.

Shakes: In construction, a type of shingle usually hand split from a bolt and used for roofing or weatherboarding.

Shingles: Thin, rectangular pieces of wood, sawn along the grain and tapering in thickness, used like tiles for roofing and weatherboarding.

Silviculture: The theory and practice of controlling the establishment, composition, care, and development of stands of trees to achieve the objectives of management.

Softwood(s): Cone-bearing trees with needle - or scale - like leaves belonging to the botanical group Gymnospermae. Also, stands of such trees and the wood produced by them.

Stocked forest land: Land supporting tree growth. In this context, tree growth includes seedlings and saplings.

Subsidies: Direct or indirect payments or other assistance to someone to produce goods or services - in order that the consumer may benefit from lower prices, to protect producers against a decline in the price of their products, to encourage certain types of economic production, or to promote certain types of socially desirable activity.

Sulphate (kraft) pulp: A chemical wood pulp obtained by cooking wood chips at high temperature in a solution of sodium hydroxide and sodium sulfide.

Sulphite pulp: A chemical wood pulp obtained by cooking wood chips in a bisulfite-sulfurous acid solution.

Uneven-aged: Of a forest, stand, or forest type in which intermingling trees differ markedly in age. (The minimum difference in age permitted in an uneven-aged stand is usually 10 to 20 years).

Unproductive: Forest land that is incapable of producing a merchantable stand within a reasonable length of time. Includes muskeg, rock, barrens, marshes, meadows, etc., within the forest land area.

Value added, manufacturing activity: Value of shipments of goods of own manufacture plus net change in inventory of goods in process and finished goods, less cost of materials and supplies used, fuel, and electricity.

Valued added, total activity: Consists of value added, manufacturing activity and value added, nonmanufacturing activity. The latter is calculated by subtracting relevant commodity inputs from nonmanufacturing revenue or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Nonmanufacturing revenues include depreciable fixed assets produced by own work force for own use, revenue from product rentals, etc., but exclude nonoperating revenue such as real property rentals, dividends, and interest.

Value of shipments of goods of own manufacture: Net selling value of goods made by reporting establishment, or for its account, from its own materials. Excludes discounts, returns, allowances, sales tax, excise taxes and duties, returnable containers, and common or contract carriers' charges for outward transportation (but not own carriers' delivery expense). Includes repair and custom revenue, transfer to reporting units of same firm, all exports, and book value of own products shipped the first time on a rental basis. Includes consignment shipments to other countries, but domestic consignment shipments are included in inventory units sold.

Veneer: A thin layer or sheet of wood.

Waferboard: A type of particle board composed of wafers cut from roundwood bolts (mostly poplar) of uniform length and thickness resembling small pieces of veneer. The wafers are bonded together with resin binder, under heat and pressure, by a process similar to that by which particleboard is made.

Working owners and partners: Include only those active in unincorporated businesses.

B. Trade area groupings

This is a selection of trade area groupings used in this publication.

Countries are arranged primarily according to geographical location. The country classification employed does not reflect the views or intentions of the Government of Canada on international issues of recognition, sovereignty, or jurisdiction. The trade areas shown in section III (Statistics Canada) and section IX (FAO) include groupings that are defined as follows:

Central America[a]: Bahamas, Bermuda[b], Barbados, Belize, Commonwealth of Dominica[c], Costa Rica, Cuba, Dominican Republic, El Salvador, French West Indies[b], Guadeloupe[c], Guatemala, Haiti, Honduras, Jamaica, Leeward and Windward Islands[b], Martinique, Netherlands, Antilles, Nicaragua, Panama, Puerto Rico, Trinidad and Tobago, United States Virgin Islands[b].

China, People's Republic: China, Mongolia, and Taiwan.

European Economic Community (EEC): Belgium-Luxembourg, Denmark, France, Germany (Federal Republic), Greece[d], Ireland, Italy, Netherlands, Portugal[d], Spain[d], and United Kingdom.

Middle East - African part: Arab Republic of Egypt, Ethiopia, Libya, Somalia, and Sudan.

Middle East - Asian part: Bahrain, Cyprus, Emirates (United Arab), Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman (Muscat), Qatar, Kingdom of Saudi Arabia, Syria, Turkey, Yemen South, and Yemen North.

Other Eastern Europe[a]: Albania, Bulgaria, Czechoslovakia, Germany (East), Hungary, Poland, and Romania.

Other Western Europe: Austria, Gibraltar, Iceland, Malta, Switzerland, and Yugoslavia[a].

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, and Venezuela.

Southeast Asia: Indonesia, Malaysia, Philippines, Singapore, and Thailand.

[a]To facilitate the comparison with certain studies published by FAO, **Mexico** is assigned to Central America instead of North America, **Yugoslavia** is assigned to Western Europe instead of Eastern Europe, and **USSR** is shown outside Europe instead of in Eastern Europe as coded in Statistics Canada publications.

[b]Country names coded only in Statistics Canada publications.

[c]Country names coded only in FAO publications.

[d]**Greece** joined the EEC on January 1, 1981, and **Portugal** and **Spain** on January 1, 1986.

C. Reference notes

Shipments of roundwood in British Columbia

Beginning in 1980, the operations of "log supply divisions" in the British Columbia coastal region are treated as merchandising activity rather than logging activity. This change has been implemented to eliminate sizeable duplications in logging inputs and shipments. Involved are four establishments (in some of the earlier years there were five establishments). The "log supply divisions" are administrative units that control the distribution of roundwood and wood chips, from each firms' own logging establishments plus outside purchases and some contractor production, to their wood-using mills. Under the procedure used prior to 1980 the shipments by logging establishments to log supply establishments were duplicated by the shipments from the "log supply divisions" to the wood-using mills although in effect they were only book transfers. The revised figures for 1970-1979 eliminate this duplication.

Discrepancies between production and shipments of roundwood figures

Several reasons can be given to explain the inconsistency between production and shipments figures:

1. Inventories fluctuations.

2. Measurement methods vary from province to province. Some firms use methods recommended by provincial governments, but these methods do not always conform to Statistics Canada requirements. Therefore, Statistics Canada must develop its own conversion factors so that it can use the data for analyses and comparisons.

3. Production data are estimates of all logging operations (we arrived at these estimates using information obtained from the provinces and from Statistics Canada), while shipments comprise only quantities declared by firms whose primary activity is logging. Shipments made by small businesses, whose operations are reported in terms of dollar values, and those made by firms to their subsidiaries as part of a vertical integration, are not taken into account. Each of these factors is responsible for lowering the figures by approximately 10 to 15%.

4. Some small businesses have such low production that they are not included in Statistics Canada surveys.